ie

ILLUMINATING ENGINEERING

THE JOURNAL OF THE ILLUMINATING ENGINEERING SOCIETY

In Two Sections—Section II of the January 1961 Issue

Annual Indexes

Volume LV

January-December 1960

Part 1—Subject Index

Part 2—Author Index

Part 3—Lighting News Index

Part 4—Personnel Index

Illuminating Engineering Society

1860 Broadway

New York 23, N. Y.

©Illuminating Engineering Society, 1961

1960 IES Indexes

These indexes cover the text of the twelve issues of ILLUMINATING ENGINEERING for the calendar year of 1960.

1. Subject Index

Index by title and subject of all papers, discussions, data sheets, technical committee reports and general articles.

2. Author Index

3. Lighting News

Subject Index

4. Personnel

Personnel listing of all 1959-1960 and 1960-1961 national and local officers and committee members. The 1960-1961 listing is complete as of November 17, 1960. For later appointments refer to the Index to 1961 or committee listings published in ILLUMINATING ENGINEERING.

Page Numbers by Issues

January	1–56	July	363–413
February	57–113	August	415–454
March	115–189	September	455-516
April	191–235	October	517–569
May	237–312	November	571-626
June	313–361	December	627–682

IES Headquarters Staff

A. D. Hinckley, Managing Director
C. L. Crouch, Technical Director
Ruby Redford, Editor
C. E. Ellis, Advertising and Promotion Manager
J. K. Michel, Office Manager—Membership Secretary

1. Subject Index

A

Adaptation on Runway and Turnpike 371
Accent on Art (Esthetics) 443
Advertise with Light (ALC) 370
Air Conditioning Comfort Chart 354
(Air Conditioning) Combined Light and Air Solution at Harris Trust 351
Air Ions Using Ultraviolet Lamps, Abstract 508
Airport,. Miami International 568
Airport, Moisant International (ALC) 571
Airport Service Areas, Lighting of 565; 655
Airport Service Area Lighting, Recommended Practice for 407
(ALC) Advertise with Light 370
(ALC) Architectural Floodlighting for an American Landmark 627
(ALC) Boat Moorage on Puget Sound 366
(ALC) Dramatizing an Open-Front Store 462
(ALC) Dual-Purpose Design 368
(ALC) Flexibility—Theme of Home Lighting 575
(ALC) Glamor Comes to Banking 633
(ALC) High Bay—High Levels 522
(ALC) High Bay Lighting—Shop Area 523
(ALC) Idea for Altering Apparent Dimensions 525
(ALC) Low-Budget Restaurant Lighting 583
(ALC) Moisant International Airport 571
(ALC) Move Up to Quality 524
(ALC) New Life for Luminous Ceiling 589
(ALC) Power Dam Control Room 629
(ALC) Remodeled Lighting—Without Rewiring 585
(ALC) Science and Art for a Bowling Alley 581
(ALC) Stocks are Looking Brighter 365
(ALC) Structural Lighting for High Levels 590
(ALC) Township Municipal Building-Circa 1960 636
Altering Apparent Dimensions, Idea for—(ALC) 525
American Airlines Specifies New Lighting for Idlewild Hangar 363
American Legion Post No. 5 (MMILJ) 1
Aperture Fluorescent Lamps—Applied, Abstract 471
Application of Sodium Lamps to Public Lighting, Abstract 497
Architectural Floodlighting for an American Landmark (ALC) 627
Architectural Lighting—Residential 529
Automobile Display, Lighting an 77
Automobile Showroom, Lighting an 5
Automotive Instrument Lighting, Electroluminescent Sources in 32
(Aviation) Adaptation on Runway and Turnpike 371
(Aviation) American Airlines Specifies New Lighting for Idlewild Hangar 363
(Aviation) Lighting an Airport Service Area 655
(Aviation) Recommended Practice for Airport Service Area Lighting 407

B

Bakery Shop, Lighting a 45
Ballast for Two or More Mercury Lamps, Constant-Wattage 79
(Ballast) Improved Mercury Lamp Transformer for Maximum Regulator Loading on Series Circuits 87
(Ballroom) American Legion Post No. 5 (MMILJ) 1
(Banks) Emphasis on Esthetics (MMILJ) 7
(Banks) Chicago City (MMILJ) 195
(Banks) Clinton Savings and Loan Association (MMILJ) 195
(Banks) Dual-Purpose Design (ALC) 368
(Banks) Glamor Comes to Banking (ALC) 633
(Banks) Spotlight on Science 437
Barber Shop, Lighting a 355
Baseball Field, Lighting a 465
BCD Appraisals of Luminaire Brightness in a Simulated Office, Abstract 509
Beauty Parlor 306
(Biography)—Richard G. Slauer, IES President, 1960-1961 517
Bland Environments 425
Boat Moorage on Puget Sound (ALC) 366
Bowling Alley, Science and Art for a (ALC) 581
Bowling Alley 521
Bowling Alley, Lighting a 515
Bowling Alleys (MMILJ) 71

C

Calculations for Thirty-Five Thousand Rooms, Lighting 215
Calibration and Re-calibration of Photoelectric Meters to Correct for the Spectral Characteristics of the Measured Light 99
Ceiling and Wall Fixtures—Residential 594
Ceramic Multilayer Multicolor Electroluminescent Lamp, Abstract 489
Chapter Chairmen, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Christmas Ideas . . . For Lighted Doors 592
Church Design, Modern Lighting Compliments Traditional 452
Church, Lighting a (MMILJ) 3
Church of the Immaculate Conception (MMILJ) 191
(Church) New Life for Luminous Ceiling (ALC) 589
Church Recreation Hall 519
Classification Yard, Lighting a Railroad 197
Colorimetry, Practical Guide to 109
Color of High Pressure Mercury Lamps, Abstract 490
Combined Light and Air Solution at Harris Trust 351
Come-Back for Downtown Sales (MMILJ) 469
Committee Personnel, List of
1959-1960 4-37A
1960-1961 12-29A
Comparison of Visibility Measurement Systems 176
Discussion 256
Competition, IES Applied Lighting
Winners, National, List of 11-7A
Installations, National Winners 751
Rules 11-2A
Composing Room, Lighting a 185
Computer for Photometric Data Reduction, Documentation and Application, Programming the IBM 704 203
Computer Programming for Controlled Fluorescent Lighting, Abstract 502
Computers in Design and Analysis of Luminaires 386
(Computers) Lighting Calculations for Thirty-Five Thousand Rooms 215
Constant-Wattage Ballast for Two or More Mercury Lamps 79
Control Room, Power Dam (ALC) 629
Council and Officers, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Cove Lighting—Residential 540
Custom-Made Chandelier 268

D

Darkroom Lighting Systems, Abstract 474
Darkrooms, Electroluminescent Safelights (MMILJ) 201
(Data Sheet) Floodlighting a Building's Tower 227
(Data Sheet) High-Bay Industrial Lighting 617
(Data Sheet) Lighting an Airport Service Area 655
(Data Sheet) Lighting an Automobile Display 77
(Data Sheet) Lighting an Automobile Showroom 5
(Data Sheet) Lighting a Bakery Shop 45
(Data Sheet) Lighting a Barber Shop 355
(Data Sheet) Lighting a Baseball Field 465
(Data Sheet) Lighting a Bowling Alley 515
(Data Sheet) Lighting a City Street 38; 385
(Data Sheet) Lighting a Composing Room 185
(Data Sheet) Lighting for Court Tennis 56
(Data Sheet) Lighting a Display Shop 413
(Data Sheet) Lighting a Gymnasium 349
(Data Sheet) Lighting a Hospital Laboratory 569
(Data Sheet) Lighting an Indoor Swimming Pool 453
(Data Sheet) Lighting a Library 470
(Data Sheet) Lighting a Machine Shop 101
(Data Sheet) Lighting a Monotype Casting Room 240
(Data Sheet) Lighting for Orchid Growing 667
(Data Sheet) Lighting a Railroad Classification Yard 197
(Data Sheet) Lighting a Shopping Center Parking Area 175
(Data Sheet) Lighting a Showroom-Collection Office 631
(Data Sheet) Lighting a Sidewalk and a Building Facade 287
(Data Sheet) Lighting a Telephone Equipment Room 259
(Data Sheet) Lighting a Used Car Lot 395; 512
Deas Island Tunnel 467
Derivation of Ballast-Lumen Ratio, Abstract 485
Design and Analysis of Luminaires, Computers in 386
Design and Application of Outdoor Fluorescent Lamps, Abstract 491
Design and Characteristics of Aperture Fluorescent Lamps, Abstract 483
Design and Performance of an Inset Runway Light, Abstract 480
Design Factors of Extra-High-Output Fluorescent Circular Cross-Section Lamps 282
Design Requirements for High Lumen Maintenance and Easy Starting of Mercury Lamps 260
Designing Low Brightness Luminaires for Higher Lighting Levels—Discussion 85
Designing Prismatic Profiles, Views and Opinions 405
Developments in Quartz Infrared Lamps, Abstract 481
Dimmers for Light Control—Residential 649
Directors, IES, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Discharge Lamps, Tensile and Thermal Stresses in the Envelope of High Brightness High Pressure 295
Display Shop, Lighting a 413
Dramatizing an Open-Front Store (ALC) 462
Dual-Purpose Design (ALC) 368

E

Editorial—Esthetics in Lighting 415
Education, Progress in 142
Electric Building Showroom (MMILJ) 241
Electroluminescence at Work 10
Electroluminescent Lamp Brightness Measurement, Abstract 506
Electroluminescent Lamps, Phosphors for 24
Electroluminescent Lamps, Problems and Progress in 13

Electroluminescent Safelights—Darkrooms (MMILJ) 201
Electroluminescent Sources in Automotive Instrument Lighting 22
Emphasis on Esthetics (MMILJ) 7
Engineering Designs for Residential Lighting 656
Abstract 472
(Esthetics) Accent on Art 443
(Esthetics) Bland Environments 425
(Esthetics) An Interview with Gyorgy Kepes 435
(Esthetics) Lighting Design—Whose Job? 421
(Esthetics) New Thoughts on Lighting Design 416
(Esthetics) Spotlight on Science 437
(Esthetics) White Light—What Is It? 431
Esthetics in Lighting, Editorial 415
Esthetics in Lighting, Importance of 429
Evaluation of Methods for Localized Cooling of Fluorescent Lamps in Outdoor Luminaires 102
External Control of Mercury Pressure of Fluorescent Lamps and its Application to Luminaires 47
Expressway Lighting 160
Extra-High-Output Fluorescent Circular Cross-Section Lamps, Design Factors of 282

F

Facade, Lighting a Sidewalk and a Building 287
Factories *(See Industrial)*
Factors Affecting the Efficiency of Street Lighting Systems, Abstract 496
First Class Perimeter Lighting 357
Five Footcandles to 185 518
Flexibility—Theme of Home Lighting (ALC) 575
Floodlighting a Building's Tower 227
Floodlighting For an American Landmark, Architectural (ALC) 627
(Floodlighting) Nighttime Golfing in San Jose 564
Fluorescent Lamps for Photo-Duplicating Service, Abstract 482
Fluorescent Lighting for the High-Speed Expressway, Abstract 495
(Fog) Adaptation on Runway and Turnpike 371
Footcandles Are Not Enough, Views and Opinions 513
Footcandles Plus (MMILJ) 191
Foreign Applications, Progress in 132
Forty-Watt Fluorescent Lamp With Higher Light Output, Abstract 487
Further Data on Discomfort Glare from Multiple Sources, Abstract 510

G

Gardens, Outdoor Living and—Residential 643
General Secretary Reports 669
Generating Station Control Room (MMILJ) 243
Glamor Comes to Banking (ALC) 633
(Glare Evaluation) New Levels and Scissors Curve Highlight Revised Office Practice 345
Glare from Very Large Sources (IERI) 288
Grease Pit (MMILJ) 200
Guggenheim Museum 58
Gymnasium, Lighting a 349
Gymnasium Lighting 520

H

Heating With Light 361
High Bay—High Levels 522
High-Bay Industrial Lighting 617
High Frequency Lighting Systems, New Parameters for 246
High School Gym and Pool (MMILJ) 74
Highway Tunnels, Versatile Lighting System for 147
Home Lighting (See Residential Lighting)
Hospital Laboratory, Lighting a 569
Hotel Room of Tomorrow 4
How Operating Position and Circuit Variations Affect Mercury Lamp Characteristics, Abstract 486

I

Ice Skating Rink (MMILJ) 75
Idea for Altering Apparent Dimensions (ALC) 525
Idea for Control of Ceiling Brightness 463
Idlewild Hangar, American Airlines Specifies New Lighting for 363
(IERI)—Stury of Glare from Very Large Sources 288
IES Applied Lighting Competition, Rules of 11-2A
IES Council and Officers, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
IES Sections and Chapters-Headquarters Cities 668
Importance of Esthetics in Lighting 429
Improved Mercury Lamp Transformer for Maximum Regulator Loading on Series Circuits 87
Improvements in Fluorescent Lamp Efficiency from Particle Size Control of Phosphors 396
Indoor Climate Comfort Chart 354
(Industrial) Five Footcandles to 185 518
(Industrial) Fixture Manufacturing Area (MMILJ) 192
(Industrial) Grease Pit 200
(Industrial) High Bay—High Levels 522
(Industrial) Lighting a Composing Room 185
(Industrial) Lighting a Machine Shop 101
(Industrial) Lighting a Monotype Casting Room 240
(Industrial) Lighting a Railroad Classification Yard 197
(Industrial Lighting)—Esthetics in 442
Industrial Lighting, High-Bay 617
Industrial Lighting, Progress in 123
Interflections in Aperture Lamps, Abstract 504

K

(Kennels) New Look for a Dog's Life (MMILJ) 146
Kepes, Gyorgy, An Interview With 435

L

Lamp Performance Related to Reference and Commercial Ballasts, Abstract 492
Library, Lighting a 470
Light Control, Dimmers for—Residential 649
Light Sources—Residential 650
Light Sources, Progress in 139
Light Transmitting Plastic Enclosure for Outdoor Lighting Equipment, Abstract 473
Lighted-Heated Sidewalks 78
Lighting an Airport Service Area 655
Lighting an Automobile Display 77
Lighting an Automobile Showroom 5
Lighting a Bakery Shop 45
Lighting a Baseball Field 465
Lighting a Bowling Alley 515
Lighting a City Street 38, 385
Lighting a Composing Room 185
Lighting a Display Shop 413
Lighting a Hospital Laboratory 569
Lighting an Indoor Swimming Pool 453
Lighting a Library 470
Lighting a Machine Shop 101
Lighting a Monotype Casting Room 240
Lighting a Railroad Classification Yard 197
Lighting a Shopping Center Parking Area 175
Lighting a Showroom-Collection Office 631
Lighting a Sidewalk and a Building Facade 287
Lighting a Telephone Equipment Room 259
Lighting a Used Car Lot 395, 512
Lighting Calculations for Thirty-Five Thousand Rooms 215
Lighting Design, New Thoughts on 416
Lighting Design—Whose Job? 421
Lighting for Court Tennis 56
Lighting for Decorative Accent—Residential 608
Lighting for Mule Pass Tunnel (MMILJ) 144
Lighting for Orchid Growing 667
Lighting . . . Keyed to Today's Homes—
Part I 527
Part II 594
Part III 638
Lighting of Airport Service Areas 565
Abstract 479
Discussion 681
Lighting Progress in 1959 115
Lighting to Live By (MMILJ) 237
Lighting Versus Personal Dynamics (ALC) 578
Low-Budget Restaurant Lighting (ALC) 583
Luminaires, Evaluation of Methods for Localized Cooling of Fluorescent Lamps in Outdoor 102
(Luminaires) New Materials and Luminaires 116
Luminous Ceilings and Walls—Residential 550
Luminous Ceiling, New Life for (ALC) 589

M

Machine Shop, Lighting a 101
Maintenance Factors for Interior Lighting, Abstract 476
Measurement of Visual Information Cues, Abstract 507
Measurement, Progress in 142
Measurement Systems, Comparison of Visibility 176
Mercury Ballast as an Integral Part of the Street Lighting Luminaire, Abstract 484
Mercury Lamp with Internal Cutout for Trouble-Free Straight Series Circuits 187
Mercury Lamps, Design Requirements for High Lumen Maintenance and Easy Starting of 260
Mercury Lamps Increase Their Usefulness, New Designs for 269
Mercury Pressure of Fluorescent Lamps and its Application to Luminaires, External Control of 47
Miami International Airport 568
(MMILJ) American Legion Post No. 5 1
(MMILJ) Bowling Alleys 71
(MMILJ) Builders Home, For Sale 194
(MMILJ) Chicago City Bank 195
(MMILJ) Church of the Immaculate Conception 191
(MMILJ) Clinton Savings and Loan Association 195
(MMILJ) Electric Building Showroom 242
(MMILJ) Electroluminescent Safelights—Darkrooms 201
(MMILJ) Emphasis on Esthetics 7
(MMILJ) Fixture Manufacturing Area 192
(MMILJ) Generating Station Control Room 243
(MMILJ) Grease Pit 200
(MMILJ) High School Gym and Pool 74
(MMILJ) Ice Skating Rink 75
(MMILJ) Lighting for Mule Pass Tunnel 145
(MMILJ) Lighting for Sports and Recreation 71
(MMILJ) New Look for a Dog's Life 146
(MMILJ) Lighting to Live By 237
(MMILJ) A. C. Mumme Home 237
(MMILJ) Museum of Man 199
(MMILJ) Night Club 76
(MMILJ) Parking Structure 198
(MMILJ) Recreation Room 244
(MMILJ) Remodeling with Light 241
(MMILJ) Repair Shop, Electric Motor 246
(MMILJ) Rug Display 193
(MMILJ) Ski Lodge 73
(MMILJ) Watson's Restaurant 245
(MMILJ) Weinberger Home 239
Moisant International Airport (ALC) 571
Move Up to Quality (ALC) 524
Multilayer and Flexible Single-Layer Electroluminescent Lamps, Abstract 493
Museum Lighting—Abby Aldrich Rockefeller Folk Art Collection 65

Museum Lighting–Solomon R. Guggenheim Museum 58
Museum of Man (MMILJ) 199

N

National and Local Officers, List of
1959-1960 4-51A
1960-1961 7-22A, 10-23A
New Designs for Mercury Lamps Increase Their Usefulness 269
New Levels and Scissors Curve Highlight Revised Office Practice 345
New Life for Luminous Ceiling (ALC) 589
New Thoughts on Lighting Design 416
New Two-Level Lamp for Residential Application 618
Abstract 488
New Look for a Dog's Life (MMILJ) 146
New Parameters for High Frequency Lighting Systems 247
Night Club (MMILJ) 76
Nighttime Golfing in San Jose 564
Non-Circular Cross-Section Fluorescent Lamps, Significant Advances in the Design of 39

O

(Office Lighting) First Class Perimeter Lighting 357
Office Lighting, High Level 184
Office Lighting, Recommended Practice For 313
(Office Lighting) Township Municipal Building–Circa 1960 636
Office Meets Recommended Level 394
Office Practice, New Levels and Scissors Curve Highlight Revised 345
Officers and Council, List of
1959-1960 4-51A
1960-1961 7-22A, 10-23A
Officers, National and Local, List of
1959-1960 4-51A
1960-1961 7-22A, 10-23A
(Offices) Esthetics in 438
Offices, Progress in 119
Official Representatives to Other Organizations, List of
1959-1960 4-48A
1960-1961 12-36A
On the Foundations of Goniophotometry 228
(Outdoor Lighting) Lighting a Shopping Center Parking Area 175
(Outdoor Lighting) Boat Moorage on Puget Sound (ALC) 366
(Outdoor Lighting) Lighting a Used Car Lot 512
(Outdoor Lighting) Lighting a Used Car Lot 395
(Outdoor Lighting) Miami International Airport 568
Outdoor Lighting, Progress in 127
Outdoor Living and Gardens–Residential 643
Outdoor Luminaires, Evaluation of Methods for Localized Cooling of Fluorescent Lamps in Outdoor Luminaires 102
Outdoor Parking Area Lighting, Recommended Practice of 307

P

Parking Area Lighting, Recommended Practice of Outdoor 307
Parking Structure (MMILJ) 198
Performance of Air-Handling Troffers, Abstract 477
Personal Dynamics, Lighting Versus (ALC) 578
Phosphors, Improvements in Fluorescent Lamp Efficiency from Particle Size Control of 396
(Photometry) Lighting Calculations for Thirty-Five Thousand Rooms 215
Photometry of Low-Mounted Linear Sources, Abstract 501
Photometry of Luminaires Using Highly-Loaded Fluorescent Lamps, Abstract 505
(Photometry) On the Foundations of Goniophotometry 228
(Photometry) Programming the IBM 704 Computer for Photometric Data Reduction, Documentation and Application 203
Photometry, Significance of Numerical Results of 560
Phosphors for Electroluminescent Lamps 24
(Plant Lighting) Lighting for Orchid Growing 667
(Plastics) Recommended Light Characteristics of Acrylic Used in Illumination 450
Plea for Coordination of Lighting Allies, A, Views and Opinions 680
Portable Lamps–Residential 603
Portable Reflectance Meter 615
Abstract 503
Power Dam Control Room (ALC) 629
Practical Guide to Colorimetry 109
Practical Techniques Solve Off-Beat Lighting Problems 198
President's Biography–Richard G. Slauer 517
President-Elect 1960-1961, Report of 459
President's Report, 1959-1960 455
(Printing Plant) Lighting a Monotype Casting Room 240
Printing Plant, Remodeling with Light (MMILJ) 241
Problems and Progress in Electroluminescent Lamps 13
Programming the IBM 704 Computer for Photometric Data Reduction, Documentation and Application 203
(Progress Report) Lighting Progress in 1959 115
(Public Buildings) Esthetics in 447
(Public Buildings) Moisant International Airport 571
Public Buildings, Progress in 118

Q

Questions and Answers on Light Sources 235, 12-14A

R

Recessed Lighting–Residential 544
Recommended Light Characteristics of Acrylic Used in Illumination 450
Recommended Practice for Airport Service Area Lighting 407
Recommended Practice for Office Lighting 313
Recommended Practice of Outdoor Parking Area Lighting 307
Recreation Room (MMILJ) 244
Regional Vice-Presidents, List of
1959-1960 4-51A
1960-1961 7-22A, 10-23A
Relative Visual Comfort Evaluations of Roadway Lighting 161
Remodeled Lighting – Without Rewiring (ALC) 585
Remodeling with Light (MMILJ) 241
Repair Shop, Electric Motor (MMILJ) 246
Residential Application, New Two-Level Lamp for 618
(Residential) Builder's Home, For Sale (MMILJ) 194
(Residential) Esthetics in 445
(Residential) Flexibility–Theme of Home Lighting 575
(Residential) Lighting to Live By 237
Residential Lighting, Engineering Designs for 656
(Residential) Lighting . . . Keyed to Today's Homes
Part I 527
Part II 594
Part III 638
Residential Lighting, Progress in 125
(Residential) Lighting Versus Personal Dynamics 578
(Residential) Remodeled Lighting–Without Rewiring 585
(Residential) Structural Lighting for High Levels 590
(Restaurants) Esthetics in 449
Restaurant Lighting, Low-Budget (ALC) 583
Roadway Brightness and Illumination as Related to Luminaire Distributions, Abstract 499
Roadway Lighting, Relative Visual Comfort Evaluations of 161
Abby Aldrich Rockefeller Folk Art Collection 65
Runway and Turnpike, Adaptation on 371

S

Science and Art for a Bowling Alley (ALC) 581
Scissors Curve Highlights Revised Office Practice, New Levels and 345
Section and Chapter Officers, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Section Chairmen, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Sections and Chapters, Headquarters Cities 668
Shopping Center Parking Area, Lighting a 175
Showroom-Collection Office, Lighting a 631
Sidewalk and a Building Facade, Lighting a 287
Significance of Numerical Results of Photometry 560
Discussion 664
Abstract 503
Significant Advances in the Design of Non-Circular Cross-Section Fluorescent Lamps 39
Skating, Ice Rink (MMILJ) 75
Skating, Roller Rink 521
Ski Lodge (MMILJ) 73
Slauer, Richard G., IES President, 1960-1961, Biography 517
(Sources) Improvements in Fluorescent Lamp Efficiency from Particle Size Control of Phosphors 396
(Sources) Mercury Lamp with Internal Cutout for Trouble-Free Straight Series Circuits 187
(Sources) Progress in Light Sources 139
Specialized Equipment and Applications, Progress in 137
Sports and Recreation, Lighting for 71
Sports Areas, Progress in 122
(Sports Lighting) Church Recreation Hall 519
(Sports Lighting) Lighting a Baseball Field 465
(Sports Lighting) Lighting a Bowling Alley 515
(Sports Lighting) Lighting a Gymnasium 349
(Sports Lighting) Lighting an Indoor Swimming Pool 453
(Sports Lighting) Lighting for Court Tennis 56
(Sports Lighting) Nighttime Golfing in San Jose 564
(Sports Lighting) Science and Art for a Bowling Alley 581
Spotlight on Science 437
Static Converters for High-Frequency Fluorescent Lighting, Abstract 478
Stocks are Looking Brighter (ALC) 365
(Store) Come-Back for Downtown Sales (MMILJ) 469
Store, Dramatizing an Open-Front (ALC) 462
(Store) Idea for Altering Apparent Dimensions (ALC) 525
(Store) Idea for Control of Ceiling Brightness 463
(Store) Lighting a Bakery Shop 45
(Store) Move Up to Quality (ALC) 524
(Store) Advertise with Light (ALC) 370
(Store) Lighting a Display Shop 413
(Store) Rug Display (MMILJ) 193
(Stores) Esthetics in 438
Stores, Progress in 120
(Street and Highway) Expressway Lighting 160
(Street and Highway) Lighting for Mule Pass Tunnel 145
(Street and Highway) Relative Visual Comfort Evaluations of Roadway Lighting 161
(Street Lighting) Lighting a City Street 38, 585
Street Lighting Glassware Breakage, Abstract 500
(Street Lighting) Methods for Localized Cooling of Fluorescent Lamps in Outdoor Luminaires 102
Structural Lighting for High Levels (ALC) 590
Study of Glare from Very Large Sources (IERI) 288
Substation Lighting, Fluorescent 98
Swimming Pool, Lighting an Indoor 453

T

Table Tennis 521
(Technical Committee Report – Lighting . . . Keyed to Today's Homes
Part I 527
Part II 594
Part III 638

(Technical Committee Report) Lighting Progress in 1959 115
(Technical Committee Report) Practical Guide to Colorimetry 109
(Technical Committee Report) Recommended Light Characteristics of Acrylic Used in Illumination 450
(Technical Committee Report) Recommended Practice for Airport Service Area Lighting 407
(Technical Committee Report) Recommended Practice for Office Lighting 313
(Technical Committee Report) Recommended Practice of Outdoor Parking Area Lighting 307
Telephone Equipment Room, Lighting a 259
Tennis, Lighting for Court 56
Tensile and Thermal Stresses in the Envelope of High Brightness High Pressure Discharge Lamps 295
Township Municipal Building—Circa 1960 (ALC) 636
(Transaction) Adaptation on Runway and Turnpike 371
(Transaction) Comparison of Visibility Measurement Systems 176
(Transaction) Computers in Design and Analysis of Luminaires 386
(Transaction) Design Factors of Extra-High-Output Fluorescent Circular Cross-Section Lamps 282
(Transaction) Design Requirements for High Lumen Maintenance and Easy Starting of Mercury Lamps 260
(Transaction) Evaluation of Methods for Localized Cooling of Fluorescent Lamps in Outdoor Luminaires 102
(Transaction) External Control of Mercury Pressure of Fluorescent Lamps and its Application to Luminaires 47
(Transaction) General Secretary Reports 669
(Transaction) Improvements in Fluorescent Lamp Efficiency from Particle Size Control of Phosphors 396
(Transaction) Lighting Calculations for Thirty-Five Thousand Rooms 215
(Transaction) Lighting . . . Keyed to Today's Homes
Part I 527
Part II 594
Part III 638
(Transaction) Lighting Progress in 1959 115
(Transaction) New Parameters for High Frequency Lighting Systems 247
(Transactions) On the Foundations of Goniophotometry 228
(Transaction) Phosphors for Electroluminescent Lamps 24
(Transaction) Portable Reflectance Meter 615
(Transaction) Practical Guide to Colorimetry 109
(Transaction) Programming the IBM 704 Computer for Photometric Data Reduction, Documentation and Application 203
(Transaction) Recommend Light Characteristics of Acrylic Used in Illumination 450
(Transaction) Recommended Practice for Airport Service Area Lighting 407
(Transaction) Recommended Practice for Office Lighting 313
(Transaction) Recommended Practice of Outdoor Parking Area Lighting 307
(Transaction) Relative Visual Comfort Evaluations of Roadway Lighting 161
(Transaction) Significant Advances in the Design of Non-Circular Cross-Section Fluorescent Lamps 39
(Transaction) Tensile and Thermal Stresses in the Envelope of High Brightness High Pressure Discharge Lamps 295
Transformer for Maximum Regulator Loading on Series Circuits, Improved Mercury Lamp 87
Transparent Photographs, Lighting for 281
Tunnel, Deas Island 467
Tunnel, Lighting for Mule Pass (MMILJ) 144
Tunnels, Versatile Lighting System for Highway 147
Turnpike Lighting with Low-Mounted Luminaires 214

U

Used Car Lot, Lighting a 395, 512

V

Versatile Lighting System for Highway Tunnels 147
Views and Opinions 405, 515, 680

W

Watson's Restaurant (MMILJ) 245
Weinberger Home (MMILJ) 239
White Light—What Is It? 431
Window and Wall Lighting—Residential 529

2. Author Index

A

Aicher, J. O.—Significant Advances in the Design of Non-Circular Cross-Section Fluorescent Lamps 39
Ake, Theodore—Fixture Manufacturing Area (MMILJ) 192
Allphin, Willard—BCD Appraisals of Luminaire Brightness in a Simulated Office, Abstract 509
Amsbary, Marian—Recreation Room (MMILJ) 244
Anderson, G. T.—Printing Plant (MMILJ) 241
Anderson, M. R.—Light Transmitting Plastic Enclosure for Outdoor Lighting Equipment, Abstract 473
Andre, S. J.—Stocks are Looking Brighter (ALC) 365
Arbetter, Wallen S.—Architectural Floodlighting for an American Landmark (ALC) 627
Arens, John B.—Photometry of Luminaires Using Highly-Loaded Fluorescent Lamps, Abstract 505

B

Beck, C. E.—External Control of Mercury Pressure of Fluorescent Lamps and its Application to Luminaires 47
Bell, D. Clifford—Electroluminescent Lamp Brightness Measurement, Abstract 506
Benjamin, Burton—Architectural Floodlighting for an American Landmark (ALC) 627
Benjamin, Russell W.—Rug Display (MMILJ) 193
Benson, Benjamin S. Jr.,—Combined Light and Air Solution at Harris Trust 351
Performance of Air-Handling Troffers, Abstract 477
Benson, Virginia—Lighting for the A. C. Mumme Home (MMILJ) 237
Berger, Emanuel—Measurement of Visual Information Cues, Abstract 507
Bernier, C. J.—Design Factors of Extra-High-Output Fluorescent Circular Cross-Section Lamps 282
Fluorescent Lamps for Photo-Duplicating Service, Abstract 482
Binder, Alfred A.—Museum Lighting—Solomon R. Guggenheim Museum 58
Blazek, Robert J.—Multilayer and Flexible Single-Layer Electroluminescent Lamps, Abstract 493
Blinkilde, P. J.—Electroluminescent Sources in Automotive Instrument Lighting 32
Bradley, R. C.—A Study of Glare from Very Large Sources (IERI) 288
Bradley, R. D. Designing Low Brightness Luminaires for Higher Lighting Levels (Discussion) 86
Brass, John R.—Versatile Lighting System for Highway Tunnels 147
Browder, J. B.—Heating With Light 361
President's Report, 1959-1960 455
Buck, I. E. Jr.—Ceramic Multilayer Multicolor Electroluminescent Lamp, Abstract 489
Buell, R. E. — Low-Budget Restaurant Lighting (ALC) 583
Bullinger, Hans B.—Multilayer and Flexible Single-Layer Electroluminescent Lamps, Abstract 493
Butler, K. H.—Improvements in Fluorescent Lamp Efficiency from Particle Size Control of Phosphors 396

C

Calvert, Fred—Emphasis on Esthetics—Bank (MMILJ) 7
Campbell, John H.—New Parameters for High Frequency Lighting Systems 247
Chin, Robert—Power Dam Control Room (ALC) 629
Civin, Ben—Electric Building Showroom (MMILJ) 242
Clark, George W.—New Thoughts on Lighting Design 416
An Interview with Gyorgy Kepes 435
Cohen, Melvin—Chicago City Bank (MMILJ) 195
Committee on Office Lighting—Recommended Practice for Office Lighting 313
Cottingham, Jack T.—Lighting Versus Personal Dynamics, (ALC) 578
Crookes, Clifford—Bowling Alley (MMIJL). 71
Crouch, C. L.—New Levels and Scissors Curve Highlight Revised Office Practice 345

D

de Boer, J. B.—Application of Sodium Lamps to Public Lighting, Abstract 497
Dobras, Q. D.—Designing Low Brightness Luminaires for Hightr Lighting Levels (Rebuttal) 86

E

Eastman, A. A.—Comparison of Visibility Measurement Systems 176
Rebuttal 258
Edwards, George J.—New Two-Level Lamp for Residential Application 618
Abstract 488
Edwards, R. N., Jr.—Maintenance Factors for Interior Lighting, Abstract 476

Ehrlich, Simon E.–Weinberger Home (MMILJ) 239
Evans, Dewayne R.–High Bay Lighting, Shop Area (ALC) 523

F

Fabshender, Myrtle–Christmas Ideas . . . For Lighted Doors 592
Falk, Norman–Engineering Designs for Residential Lighting 656
Abstract 472
Feder, Abe H.–Importance of Esthetics in Lighting 429
Felkey, Jack–Generating Station Control Room (MMILJ) 243
Finn, James F.–First Class Perimeter Lighting 357
Finucane, Robert–Bowling Alley (MMILJ) 71
Fowle, A. W.–Roadway Brightness and Illumination as Related to Luminaire Distributions, Abstract 499
Fox, Robert S.–Forty-Watt Fluorescent Lamp With Higher Light Output, Abstract 487
Franklin, J. S.–Relative Visual Comfort Evaluations of Roadway Lighting 161
Frazer, H. D.–How Operating Position and Circuit Variations Affect Mercury Lamp Characteristics, Abstract 486
French, R. R.–Photometry of Luminaires Using Highly-Loaded Fluorescent Lamps, Abstract 505

G

Geocaris, Robert S.–Combined Light and Air Solution at Harris Trust 351
Gil, John M.–Dramatizing an Open-Front Store (ALC) 462
Gilmore, J. F.–Lamp Performance Related to Reference and Commercial Ballasts, Abstract 492
Glick, Herbert S.–Electroluminescent Safelights-Darkrooms (MMILJ) 201
Darkroom Lighting Systems, Abstract 474
Goldfarb, Stanley R.–Electroluminescent Lamp Brightness Measurement, Abstract 506
Goodman, Delmar L.–Grease Pit (MMILJ) 200
Goodman, Louis N.–Moisant International Airport (ALC) 571
Gordijn, M. J.–Designing Prismatic Profiles, Views and Opinions 405
Gottschalk, K.–Design Requirements for High Lumen Maintenance and Easy Starting of Mercury Lamps 260
Gough, Alfred B.–Programming the IBM 704 Computer for Photometric Data Reduction, Documentation and Application 203
Gray, S. M.–On the Foundation of Goniophotometry 228
Green, A. C.–Design Requirements for High Lumen Maintenance and Easy Starting of Mercury Lamps 260
Greenfield, Haskell–Ice Skating Rink (MMILJ) 75
Gross, Lyman C.–Church of the Immaculate Conception (MMILJ) 191
Gumiinski, W. F.–Watson's Restaurant (MMILJ) 245
Guth, S. K.–Comparison of Visibility Measurement Systems 176
Rebuttal 256
Further Data on Discomfort Glare from Multiple Sources, Abstract 510

H

Haggstrom, R. W.–Mercury Ballast as an Integral Part of the Street Lighting Luminaire, Abstract 484
Hanson, R. E.–Lamp Performance Related to Reference and Commercial Ballasts, Abstract 492
Harris, J. M.–Electroluminescent Sources in Automotive Instrument Lighting 32
Harrison, Laurence S.–Museum Lighting–Abby Aldrich Rockefeller Folk Art Collection 65
Hart, A. L.–Design and Application of Outdoor Fluorescent Lamps, Abstract 491
Haselsteiner, Karl–Deas Island Tunnel 467
Haskell, Robert–Remodeled Lighting–Without Rewiring (ALC) 585
Hazzard, M. R.–Dual-Purpose Design–Bank (ALC) 368
Heffernan, J. C.–Derivation of Ballast-Lumen Ratio, Abstract 485
Hinman, Donald D.–Forty-Watt Fluorescent Lamp With Higher Light Output, Abstract 487
Hodge, William F.–Developments in Quartz Infrared Lamps, Abstract 481
Homer, H. H.–Improvements in Fluorescent Lamp Efficiency from Particle Size Control of Phosphors 396
Hooper, Charles D. – Night Club (MMILJ) 76
Advertise with Light, Pharmacy (ALC) 370
Hopkinson, R. G.–A Study of Glare from Very Large Sources 288
Horton, G. A.–Photometry of Luminaires Using Highly-Loaded Fluorescent Lamps, Abstract 505
Significance of Numerical Results of Photometry, Discussion 664
Huff, R. J.–Museum of Man (MMILJ) 199
Husby, D. E.–Light Transmitting Plastic Enclosure for Outdoor Lighting Equipment, Abstract 473

I

IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee–Recommended Light Characteristics of Acrylic Used in Illumination 450
Ivey, Henry F.–Problems and Progress in Electroluminescent Lamps 13

J

Jerome, C. W.–Color of High-Pressure Mercury Lamps, Abstract 490
Johnson, W. C.–Combined Light and Air Solution at Harris Trust 351
Johnson, W. H.–Static Converters for High Frequency Fluorescent Lighting, Abstract 478
Jones, Bill F.–Designing Low Brightness Luminaires for Higher Lighting Levels, Discussion 85
Computers in Design and Analysis of Luminaires 386
Significance of Numerical Results of Photometry, Discussion 664

K

Kaercher, R. L.–Roadway Brightness and Illumination As Related to Luminaire Distributions, Abstract 499
Karash, W. J.–Design and Application of Outdoor Fluorescent Lamps, Abstract 491
Karns, E. B.–Lighting of Airport Service Areas 565
Abstract 479
Discussion 681
Kaspar, Robert–High School Gym and Pool (MMILJ) 74
Keck, M. E.–Evaluation of Methods for Localized Cooling of Fluorescent Lamps in Outdoor Luminaires 102
Kowalski, C. E.–Photometry of Low-Mounted Linear Sources, Abstract 501
Kramsvogel, C. F.–Ski Lodge (MMILJ) 73

L

Lashley, O. H. Jr.–Repair Shop, Electric Motor (MMILJ) 246
Laughner, Jack–Builders Home, For Sale (MMILJ) 194
Leister, T. H.–Significance of Numerical Results of Photometry, Discussion 664
Lemmers, E.–Significant Advances in the Design of Non-Circular Cross Section Fluorescent Lamps 39
Lemons, T. M.–Lighting of Airport Service Areas, Discussion 681
Levi, Leo–Calibration and Re-calibration of Photoelectric Meters to Correct for the Spectral Characteristics of the Measured Light 99
Loch, C. H.–Design and Performance of an Inset Runway Light, Abstract 480
Logan, Henry L.–Bland Environments 425
Measurement of Visual Information Cues, Abstract 507

M

Macy, C. W.–Dramatizing an Open-Front Store (ALC) 462
Makulec, Alfred–Structural Lighting for High Levels (ALC) 590
Martin, David C.–Church of the Immaculate Conception (MMILJ) 191
Martt, E. C.–Design Requirements for High Lumen Maintenance and Easy Starting of Mercury Lamps 260
Matz, W. C.–Mercury Lamp with Internal Cutout for Trouble-Free Straight Series Circuits 187
McCarthy, William J.–Science and Art for a Bowling Alley (ALC) 581
McCormick, W. J.–Fluorescent Lighting for the High-Speed Expressway, Abstract 495
McNelis, John F.–Further Data on Discomfort Glare from Multiple Sources, Abstract 510
Miller, Gladys–A Plea for Coordination of Lighting Allies, Views and Opinions 680
Montgomery, L. L.–Computer Programming for Controlled Fluorescent Lighting, Abstract 502
Interflections in Aperture Lamps, Abstract 504

N

Nagy, Rudolph–Air Ions Using Ultraviolet Lamps, Abstract 508

O

O'Brien, Philip F.–Lighting Calculations for Thirty-Five Thousand Rooms 215
Olson, V. W.–Constant-Wattage Ballast for Two or More Mercury Lamps 79
O'Neill, Daniel J.–American Airlines Specifies New Lighting for Idlewild Hangar 363

P

Parsons, J. F.–Footcandles Are Not Enough, Views and Opinions 513
Peek, S. C. Adaptation on Runway and Turnpike 371
Aperture Fluorescent Lamps–Applied, Abstract 471
Phillips, D. R.–Designing Low Brightness Luminaires for Higher Lighting Levels (Rebuttal) 86
Price, D. Dana–New Life for Luminous Ceiling (ALC) 589
Price, Harry B.–High Bay–High-Levels (Industrial Lighting) (ALC) 522
Proctor, Vernon–Glamor Comes to Banking (ALC) 633

R

Rex, Charles H.–Relative Visual Comfort Evaluations of Roadway Lighting 161
Robertson, M. E.–Improved Mercury Lamp Transformer for Maximum Regulator Loading on Series Circuits 87
Roll, W. H.–Builders Home, For Sale (MMILJ) 194

S

Salter, E. H.–Significance of Numerical Results of Photometry 560
Abstract 503
Scholes, W. M.–Electric Building Showroom (MMILJ) 242
Severs, Lester J.–Glamor Comes To Banking (ALC) 633
Shemitz, Sylvan R. – Flexibility–Theme of Home Lighting (ALC) 575
Silverman, M. H–Clinton Savings and Loan Association (MMILJ) 195

Skog, James H.—Boat Moorage on Puget Sound (ALC) 366
Skootsky, Harold—Versatile Lighting System for Highway Tunnels 147
Slauer, R. G.—President-Elect 1960-1961, Report of 459
Spencer, D. E.—Designing Low Brightness Luminaires for Higher Lighting Levels, Discussion 86
On the Foundations of Goniophotometry 288
Adaptation on Runway and Turnpike 371
Photometry of Low-Mounted Linear Sources, Abstract 501
Interflections in Aperture Lamps, Abstract 504
Stead, Harold—Lighting for Mule Pass Tunnel (MMILJ) 144
Steinfeld, J. S. —Significance of Numerical Results of Photometry, Discussion 664
Strock, Lester W.—Phosphors for Electroluminescent Lamps 24
Subcommittee on Lighting of Service Stations and Parking Areas of the Store Lighting Committee—Recommended Practice of Outdoor Parking Area Lighting 307
Subcommittee of the Residence Lighting Committee—Lighting . . . Keyed to Today's Homes
Part I 527
Part II 594
Part III 638
Subcommittee on Practical Guide to Colorimetry of Light Sources of the Committee on Testing Procedures—Practical Guide to Colorimetry 109
Subcommittee on Service Area Lighting of the Ground Lighting Committee of the Aviation and Signal Committee—Recommended Practice for Airport Service Area Lighting 407

T

Tao, William—Church Recreation Hall 519
Taylor, A. Hadley—Portable Reflectance Meter 615
Abstract 503
Thompson, Neil J.—Move Up to Quality, Camera Shop (ALC) 524
Thouret, Wolfgang E.—Tensile and Thermal Stresses in the Envelope of High Brightness High Pressure Discharge Lamps 295
Till, W. S.—New Designs for Mercury Lamps Increase Their Usefulness 269
Toomey, C. L.—Design and Characteristics of Aperture Fluorescent Lamps, Abstract 483

U

Underwood, P. J.—External Control of Mercury Pressure of Fluorescent Lamps and its Application to Luminaires 47
Unglert, M. C.—New Designs for Mercury Lamps Increase Their Usefulness 269
How Operating Position and Circuit Variations Affect Mercury Lamp Characteristics, Abstract 486

V

Van Dusen, H. A. Jr.—Factors Affecting the Efficiency of Street Lighting Systems, Abstract 496
Street Lighting Glassware Breakage, Abstract 500
Lighting of Airport Service Areas, Discussion 681

W

Wald, Henry J.—Lighting Design—Whose Job? 421
Waldbauer, W. M.—How Operating Position and Circuit Variations Affect Mercury Lamp Characteristics, Abstract 486
Waldram, J. M.—Comparison of Visibility Measurement Systems—Discussion 256
Walick, J. A.—How Operating Position and Circuit Variations Affect Mercury Lamp Characteristics, Abstract 486
Warner, R. J.—New Look for a Dog's Life, Kennel Lighting (MMILJ) 146
Webber, Mary E.—New Two-Level Lamp for Residential Application 618
Abstract 488
Weeks, A. W.—Significance of Numerical Results of Photometry, Discussion 664
Welch, Kenneth C.—Idea for Control of Ceiling Brightness 463
Wenson, H. W. Jr.,—Lighting of Airport Service Areas, Discussion 681
Williams, Rollo Gillespie—White Light—What Is It? 431
Witte, E. H.—Performance of Air-Handling Troffers, Abstract 477
Wollentin, Robert W.—Multilayer and Flexible Single-Layer Electroluminescent Lamps, Abstract 493
Electroluminescent Lamp Brightness Measurement, Abstract 506
Worth, Douglas A.—Idea for Altering Apparent Dimensions—Store (ALC) 525
Wotton, E. G.—Lighting of Airport Service Areas, Discussion 681

Y

Yaeger, J. C.—Factors Affecting the Efficiency of Street Lighting Systems, Abstract 496
Young, J. Charles—Come-Back for Downtown Sales (MMILJ) 469

Z

Zimmerman, W. C.—Parking Structure (MMILJ) 198
Zitelli, Armand—Township Municipal Building-Circa 1960 (ALC) 636
American Legion Post No. 5 (MMILJ) 1

3. Lighting News Index

A

About People 1-20A; 2-16A; 3-18A; 4-25A 5-13A; 6-20A; 7-16A; 8-24A 9-14A; 10-14A; 11-32A; 12-14A
Allied Arts Competition, Arizona State University 7-8A
Allied Arts Competition, New York Section 8-22A
Allied Arts Competition, University of Cincinnati 7.8A
Alled Arts Competition, University of New Mexico 6-12A
Allied Arts Competition, University of Southern California 6-12A
American Institute of Electrical Engineers, Lighting Course 3-12A
Lighting Programs 11-32A
American Society for Testing Materials, *1959 Supplements to the 1958 Book of Standards*, Book Review 6-29A
1959 Proceedings, Book Review 11-36A
American Standard Dimensional and Electrical Characteristics of 4-Watt, T-5, Preheat-Start Fluorescent Lamp, Book Review 4-31A
American Standard Requirements for Electrical Indicating Instruments, EL 1-1959, Book Review 2-34A
American Standard Specifications for Fluorescent Lamp Ballasts, Book Review 6-26A
Applied Lighting Competition (ALC) Regional Winners 8-16A
Architects, Lighting Conference for 10-10A
Aviation Ground Lighting Meeting 5-7A

B

Biological Systems, Luminescence of, Book Review 9-20A
Boards of Managers, 1960-1961, List of 7-22A
Books and Pamphlets 1-35A; 2-34A; 4-31A 6-26A; 8-29A; 9-20A; 11-34A; 12-21A
British Exhibition 2-10A
Brown, Willard C., 1960 Gold Medallist 9-7A
Brown, Willard C., Gold Medal Acceptance Address 11-22A
Brown, Willard C. Retires 4-22A
Building Illumination, The Effect of New Lighting Levels on, Book Review 4-32A

C

Canadian National Exhibition, Lighting Education Booth 11-30A
Canadian Region Newsletter 2-16A
Case Institute Enrolls Women 1-7A
Ceiling Symposium 3-17A
Chicago Lighting Exposition 1-5A
Chicago Lighting Institute
Building Managers Conference 5-6A
Decorators' Lighting Symposium 4-11A
Fundamentals of Illumination Course 10-14A
Industrial Lighting Conference 11-30A
Chicago Modern Living Show 10-10A
Christmas Greetings with Light, Book Review 11-34A
Cincinnati Lighting Forum 1-7A
College-Industry Conference 1-10A
Color Perception 1-7A
Commery, Eugene W., Obituary 7-16A
Commission Internationale de l'Eclairage (CIE) 1959 Proceedings 10-14A
United States National Committee of 12-7A
Committee Personnel, List of
1959-1960 4-51A
1960-1961 12-29A
Cornell Test Laboratory 10-10A

D

Daniels, Julius, Retires 9-10A
Data Sheet Campaign 1-14A
Deaths, List of 2-34; 3-25A; 4-31A 5-31A; 6-26A; 7-22A; 12-21A
Decorators' Showroom 12-10A
Design Engineering Show, New York 5-10A
Destriau, Professor Georges, Obituary 3-18A
Diablo Section 1-5A
Directors, List of
1959-1960 4-51A
1960-1961 7-22A; 10-23A
Drafting Standards, International 6-13A
Dream Highway 12-10A
Dry Cells and Batteries, Specification for Book Review 6-26A

E

Edison Electric Institute (EEI)
- Lighting Demonstration Catalog 4-18A
- Sales Conference 3-14A
- Sales Promotion Contest 1-13A

Electrical Contacts Seminar 5-10A
Electrical Industries Show 5-9A
Electrical Show, New York Coliseum 8-21A
Electrical Trade Conference 6-13A
Electron Tubes, Classification of, Book Review 11-34A
Engineering Exhibits, United Engineering Center 12-11A
Engineering Enrollments 4-12A; 7-9A; 7-10A
Engineering Index (1959), Book Review 6-29A
Engineer's Earning Power 7-15A
Engineering Design Center 4-18A
Engineers' Council Newspaper 5-10A
Extra-High-Voltage Symposium 3-14A
Eye, Film, and Camera in Color Photography, Book Review 1-35A

F

Farnsworth, Commander Dean, Obituary 3-17A
Fellow Awards, IES 9-9A
Field Guide to Eye-Fi Relighting, Book Review 6-26A
Florida Section, Illumination Course 4-22A; 6-20A
Fluorescent Lamps and Lighting, Book Review 8-29A
Footcandle Levels and Interior Lighting Design, Book Review 6-26A
Ft. Lauderdale, Fla., Study Group 1-8A

G

Glass Engineering Handbook, Book Review 8-30A
Gold Medal Acceptance Address, Willard C. Brown 11-22A
Graves, Lester H., Obituary 4-22A
Graybar Relighting Program 12-7A
Gulf Coast Chapter, Charter 3-14A; 5-12A

H

Here and There with IES Members 1-6A; 3-6A; 4-6A; 6-6A; 7-8A; 9-8A; 12-8A
Home Economics Students, Lighting Course for 8-21A
Housatonic Chapter, Charter 7-9A

I

IES Council and Officers, List of
- 1959-1960 4-51A
- 1960-1961 7-22A; 10-23A

IES Fellows, 1960 7-9A
IES Fellows, List of 9-54A
IES Footcandle Recommendations 5-5A
IES Gold Medallist, 1960—Willard C. Brown 9-7A
Illuminating Engineering Research Institute
- Honors Blackwell and Pritchard 7-9A
- Symposium, Washington, D. C. 4-7A

Illini Chapter
- Organizational Meeting 3-12A
- Charter 7-9A

Illumination Courses
- Florida Section 4-22A; 6-20A
- New York Section 4-17A; 10-10A
- Philadelphia Section 1-10A
- Quebec Chapter 4-12A

Industrial Lighting Clinic, New York 12-9A
Industrial Service Association 2-10A
Infrared Radiation, Book Review 12-22A
International Commission on Illumination (See C. I. E.)

J

Jones, Bassett, Obituary 3-18A

K

Kentuckiana Chapter, Charter 4-18A
Kewley, Joseph E., Obituary 2-16A

L

Lamps and Lighting, Primer of, Book Review 1-35A
Lighting Courses
- Florida Section 4-22A; 6-20A
- New York Section 4-17A; 10-10A
- Philadelphia Section 1-10A
- Quebec Chapter 4-12A

Lighting and Wiring Laboratory 5-31A
Lighting Exposition/Conference, Los Angeles 6-8A
Lighting Exposition, Dallas 11-32A
Lighting for Industry, Book Review 12-22A
Lighting Price and Data Book, Book Review 10-14A

M

Maintenance Contractors, National Headquarters 10-9A
Management Seminar for Engineers 4-11A
Manufacturers' Agents' Guide (1960), Book Review 4-31A
Matrix Theory, Basic Theorems in, Book Review 4-31A
Medal Award—1960 9-7A
Michigan Section, Speakers' Bureau 1-5A
Midwestern Region, IES
- Division of 2-9A; 3-14A
- Local Activities 2-9A

Modern Science Dictionary, Book Review 1-35A
Mother Lode Section, Perpetual Award 9-14A
Munroe, Charles C.—A Tribute 1-20A
Museum, Lighting of a Great (Guggenheim), Book Review 6-26A

N

National Bureau of Standards, Technical Advisory Groups 12-10A
National Electrical Manufacturers Association (NEMA)
- *Guide to NEMA Standards Publications (1960)*, Book Review 6-26A
- Insulating Materials Division 2-9A
- Reorganization Plan 4-11A
- Roster 1-13A

National and Local Officers, IES, List of
- 1959-1960 4-51A
- 1960-1961 7-22A; 10-23A

National Electrical Code Handbook, Book Review 12-21A
National Electrical Week 10-9A; 11-32A
National Electrical Week Symbol 12-11A
National Lighting Exposition, Third 6-16A; 11-29A
National Technical Conference, IES, 1960 11-7A
National Wiring Bureau Periodicals 2-13A
New Equipment Data 6-32A
New Members, List of 2-36A; 3-25A; 4-32A 5-31A; 6-29A; 7-35A; 8-30A; 11-36A; 12-22A
New Sales Approach to the Commercial Market, Book Review 4-32A
New York Section
- Illumination Course 4-17A; 10-10A
- Allied Arts Competition 8-22A
- Sustaining Members Honored 5-10A

Noise Control in Buildings, Book Review 8-30A
Northumberland Chapter, Charter 4-18A

O

Obituaries 1-20A; 2-16A; 3-17A; 4-22A; 7-16A; 8-22A; 10-14A
Office Environment Surveyed 2-10A
Office Lighting Symposium, New York Section 3-7A
Office Machines, Standardization Projects 3-11A
Officers and Council, IES, List of
- 1959-1960 4-51A
- 1960-1961 7-22A; 10-23A

Optics and Spectroscopy, Book Review 4-32A

P

Pennow, Willis A., Obituary 8-22A
Philadelphia Section, Illumination Course 1-10A
Photographic Lighting, Sylvania Book Review 4-32A
Photography, MIT Seminar on 4-12A
Photoperiodism and Related Phenomena in Plants and Animals, Book Review 12-21A
Plastics, Facts About, Book Reivew 9-54A
Power Production, United States 12-7A
Pritchard, Benjamin S., Obituary 1-14A
Professional Engineer's Examination Questions and Answers, Book Review 6-29A

Q

Quebec Chapter, Illumination Course 4-12A
Questions and Answers on Light Sources 12-14A

R

Regional Conferences, 1960 8-7A
Regional Vice Presidents, List of
- 1959-1960 4-51A
- 1960-1961 7-22A; 10-23A

Residence Lighting Forum, New Jersey 6-7A
Residence Lighting Forum Officers, 1960-1961 10-43A
Residence Lighting Forum, Toronto, Christmas Lighting Display 12-11A
RLM 1960 Standard Specifications for Industrial Lighting Equipment, Book Review 6-26A
Road Safety Research Body 10-10A

S

St. Louis Industry—Commerce Meeting 5-5A
San Jose Chapter, Garden Lighting Show 11-30A
Scheduled Events 1-13A; 2-13A; 3-11A; 4-17A; 5-13A; 6-23A; 7-15A; 8-21A; 9-19A; 10-14A; 11-29A; 12-11A
School Lighting, *Arranging the Classroom for TV Viewing*, Book Review 12-21A
Science Encyclopedia 4-11A;
Section Chairmen, IES, List of
- 1959-1960 4-51A
- 1960-1961 7-22A; 10-23A

Society of Plastics Engineers, Transactions 11-30A
Street Lighting
- *A Bright City is a Safe City*, Book Review 2-34A
- Increase in, Predicted 12-7A
- Standard Adopted 5-13A

Sustaining Members, IES
- List of 3-29A; 9-25A
- New York Section Honors Five New 5-10A

T

Tampa Lighting Course 6-20A
Taylor, G. J., Farewell Dinner 5-6A
Technical Committee Forum, IES 4-22A
Tested Tips, Book Review 8-30A
Third National Lighting Exposition 6-16A; 11-29A
Traffic Engineer, Book Review 6-26A
Twin Ports Chapter's, Applied Lighting Competition 5-6A

U

Underground Lighting in Mines, Shafts and Tunnels, Book Review 9-20A
United Engineering Center 7-16A; 11-32A
United States National Committee, CIE 12-7A

V

Visual Science, Dictionary of, Book Review 8-29A

W

Wiring Devices, WD 2-1959, Book Review 2-34A;
Worlds' Fair, 1964 12-14A

4. Personnel

Listing of 1959-1960 and 1960-1961 national and local officers and committee members. 1960-1961 listing is complete as of November 17, 1960. For later appointments see Index to 1961 or committee listings in Illuminating Engineering.

A

ABRAMOWITZ, ABRAHAM, College of the City of New York, Electrical Engineering Dept., New York 31, N. Y.
Nomenclature Committee, 1959-1961.

ACHITOFF, LOUIS, Port of N.Y. Authority, 111–8th Ave., New York 11, N. Y.
Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee of the Aviation Committee, 1960-1961; Ground Runway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

ADAMS, E. Q., Western Reserve University, School of Medicine, 2109 Adelbert Road, Cleveland 6, Ohio.
Nomenclature Committee, 1959-1961.

ADAMS, JOHN, General Electric Co., 1244 Edison Bldg., Toldeo 4, Ohio.
Subcommittee on Churches of the Institutions Committee, 1959-1961.

ADAMS, R. L., South Carolina Electric & Gas Co., 1309 Hampton St., Columbia, S. C.
Chairman, Palmetto Section, 1959-1960.

AKE, THEODORE, The Miller Co., 99 Center St., Meriden, Conn.
Progress Committee, 1959-1961; Merchandising Committee, 1959-1961; Industrial Committee, 1959-1961; Recommended Practice Subcommittee of the Industrial Committee, 1959-1961.

ALBACH, CARL, P.O. Box 4235, Santa Fe, N. M.
Allied Arts Committee, 1959-1961.

ALDEN, GLENN J., Minnesota Power & Light Co., 30 W. Superior St., Duluth, Minn.
Secretary, Twin Ports Chapter, 1960-1961.

ALEXANDER, H. W., Ritter Co. Inc., 400 West Ave., Rochester, N.Y.
Hospitals Subcommittee of the Institutions Committee, 1959-1960.

ALEXANDER, JACK
Roadway Committee, 1960-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

ALLEN, ROBERT L., Westinghouse Electric Corp., Merchandise Mart, Chicago, Ill.
Subcommittee on Revision of "Lighting Fundamentals" Course of the Education Committee, 1959-1961.

ALLGAIER, EARL, American Automobile Association, 1712 G St. N.W., Washington 6, D.C.
Roadway Committee, 1959-1961; Motor Vehicle (Exterior) Committee, 1960-1961.

ALLISON, R. C., The T. Eaton Co., Ltd., 190 Yonge St., Toronto, Ont.
Chairman, Color Committee, 1959-1961; Merchandising Committee 1959-1961; Inter-Society Color Council, 1959-1961.

ALLPHIN, WILLARD, Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Committee on Recommendations for Quality and Quantity of Illumination, 1960-1961; Chairman, Board of Fellows, 1959-1960; School Committee, 1959-1960.

ALMOND, RICHARD, Almond Electric Co. 1005 E. 4th St., Tulsa 1, Okla.
Chairman, Oil Capital Section, 1959-1960.

ALMRYDE, A. S., Commonwealth Edison Co., Box 101, Waukegan, Ill.
Office Committee, 1959-1961.

AMBURGEY, W. M. Jr., Westinghouse Electric Corp., 300 Travelers Bldg., Richmond, Va.
Secretary, Virginia Section, 1960-1961.

AMICK, CHARLES L., Day-Brite Lighting Inc., P.O. Box 141, St. Louis 66, Mo.
Director, 1959-1961; Chairman, Task Committee on Educational and Professional Standards, 1960-1961; Chairman, National Technical Conference Committee, 1959-1961; Publications Committee, 1959-1961; Office Committee, 1959-1961.

ANDERSON, HERBERT A., Duro-Test Corp., North Bergen, N.J.
Chairman, Light Sources Committee, 1959-1961; Progress Committee, 1959-1961; Task Committee for U.E.C. Fund Raising, 1959-1960.

ANDRE, SAYLORS J., Georgia Power Co., 15 Forsyth St., Atlanta 1, Ga.
Chairman, Georgia Section, 1959-1960.

ANGIER, J. F., 14 Valley View Ave., Washington 12, D.C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Signal Lighting Subcommittee of the Aviation Committee, 1959-1960; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

ARNER, W. J. Libbey Owens-Ford Glass Co., 1701 E. Broadway, Toledo 5, Ohio.
Daylighting Committee 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

ASHE, F. C., 338 Woodside Rd., Pittsburgh 21, Pa.
Aviation Committee, 1960-1961; Chairman, Aircraft Bibliography Subcommittee of the Aviation and Signal Committee, 1959-1960; Subcommittees on: Aircraft Lighting; Ground Lighting and Ground Bibliography of the Aviation and Signal Committee, 1959-1960.

AVERY, B. F., General Electric Co., 165 N. Canal St., Chicago, 6, Ill.
Institutions Committee, 1959-1961; Subcommittee on Revision of "Lighting Fundamentals Course" of the Education Committee, 1959-1961; Chairman, Chicago Section, 1959-1960.

B

BAHNAK, JOHN, Sylvania Lighting Products Inc., 2211–East Hennepin, Minneapolis 13, Minn.
Chairman, Twin City Section, 1960-1961.

BAILER, EDMUND F., General Electric Co., 777 14th St. N.W., Washington 5, D. C.
Chairman, Capital Section, 1959-1960.

BAKER, ERVIN, Sylvania Electric Products Inc., 66 Boston St., Salem, Mass.
Joint Farm (IES-American Society of Agricultural Engineers) Committee, 1959-1960.

BAKER, JOHN E., 2193 Argyle Ave., West Vancouver, B. C.
Chairman, British Columbia Section, 1960-1961.

BALDRY, GORDON, Graybar Electric Co. Inc., 601 E. 2nd., Amarillo, Texas.
Chairman, Panhandle Chapter, 1959-1960.

BALDWIN, DAVID M., Institute of Traffic Engineers, 2029 K St. N.W., Washington 6, D. C.
Roadway Committee, 1959-1961.

BALE, JAMES R., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Sports and Recreational Areas Committee, 1959-1961; Service Stations and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.

BALLARD, R. E., Connecticut Power & Light Co., Box 2010, Hartford, Conn.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961; Vice-Chairman, Public Relations and Information Committee, 1959-1960.

BALOGH, EDWARD, 3737 Benedict Canyon, Sherman Oaks, Calif.
Chairman, Southern California Section, 1960-1961.

BANK, T. P., The Athletic Institute, 209 S. State St., Chicago 4, Ill.
Sports and Recreational Areas Committee, 1959-1961.

BARBROW, L. E., National Bureau of Standards, Washington 25, D. C.
Board of Fellows, 1959-1961; Nomenclature Committee, 1959-1961; Light Sources Committee, 1959-1961.

BARE, R. W., Bare-Rhodes, Inc., Consulting Engineers, 1908 E. Meadowmere, Springfield, Mo.
Chairman, Ozark Chapter, 1960-1961.

BARHITE, TUNIS E. JR., New York State Electric & Gas Corp., 115 Main St., Lockport, N. Y.
Chairman, Western New York Section, 1959-1960.

BARKER, J. W., 45 Beechmont Drive, New Rochelle, N. Y.
Medal Award Committee, 1960-1961.

BARNES, JAMES E., Pacific Gas & Electric Co., P.O. Box 540, San Rafael, Calif.
Vice-President, South Pacific Coast Region, 1959-1960; Regional Activities Committee, 1959-1960; Chairman, Sawmills Subcommittee of the Industrial Committee, 1959-1960.

BARR, A. C., General Electric Co., Nela Park, Cleveland, 12, Ohio.
Chairman, Finance Committee, 1959-1961; Director, 1960-1961; Trustee, IES Headquarters Retirement Pension Plan, 1960-1961; National Technical Conference Committee, 1959-1961; Advance Planning Committee, 1959-1960.

BARR, TAYLOR, Central Hudson Gas & Electric Corp., 47 Cannon St., Poughkeepsie, N. Y.
Chairman, General Board of Examiners, 1960-1961; Member 1959-1960.

BARR, W. G., National Parking Association Inc., 711 14th St. N.W., Washington 5, D. C.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.

BARRY, MAURICE, Canadian Westinghouse Supply Co., 2100 Blvd. Charest West, Quebec, Que.
Chairman, Quebec Chapter, 1960-1961.

BARTELT, J. A., Bureau of Naval Weapons, Dept. of the Navy, Washington 25, D. C.
Aviation Committee, 1960-1961.

BARTOW, J. B., Bartow Beacons, Inc., Ambler, Pa.
Aviation Committee, 1960-1961.

BATEMAN, J. W., Canadian General Electric Co. Ltd., 165 Dufferin St., Toronto, Ont.
Board of Fellows, 1959-1961; Official Representative, Canadian National Committee of the International Commission on Illumination, 1959-1961; Co-Chairman, Defense Coordinating Committee, 1959-1960; National Technical Conference Committee, 1959-1960.

BATTLE, E. T., J. A. Wilson Lighting & Display, Ltd., 720 Broadway Ave., Winnipeg, Man.
Chairman, Winnipeg Chapter, 1960-1961; Secretary, 1959-1960.

BAUER, FRED G., Inglehard Industries, Inc., 113 Astor St., Newark 2, N. J.
Searchlight Committee, 1959-1961.

BAUMGARTNER, GEORGE R., General Electric Co., Nela Park, Cleveland 12, Ohio.
Light Control & Equipment Design Committee, 1959-1961; IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1960.

BAYHA, WALTER, Bayha, Weir & Finato 1045 Sansome St., San Francisco 11, Calif.
Chairman, Golden Gate Section, 1959-1960.

BEAGLE, H. S., Electrical Testing Laboratories, Inc., 2 East End Ave., New York 21, N. Y.

Finance Committee, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961; Task Committee for Feasibility of Design Certification, 1960-1961.

BEAN, LEONARD A., Vorlander Lighting, 80 Boylston St., Boston, Mass.
Chairman, New England Section, 1959-1961.

BEAR, W. F., 8344 Lullaby Lane, Panorama City, Calif.
Historical Committee, 1959-1960.

BEEK, WALTER E., B. C. Electric Co., Ltd., 820 Pandora Ave., Victoria, B. C.
Secretary, Vancouver Island Chapter, 1959-1961.

BELDEN, STUART, American Bosch Arma Corp., Roosevelt Field, Garden City, N. Y.
Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

BELL, SEYMOUR, Sarasota Electric Corp., 1021 Central Ave., Sarasota, Fla.
Secretary, Florida Section, 1959-1960.

BELTZ, L. L., Ford Motor Co., P.O. Box 2053, F.D. Station, Dearborn, Mich.
Motor Vehicle Committee, 1959-1961.

BENJAMIN, W. O., Corning Glass Works, Corning, N. Y.
Light Control and Equipment Design Committee, 1959-1960.

BENNDORF, WILLIAM, William Benndorf Co., 221 E. Camelback Rd., Phoenix, Ariz.
Secretary, Arizona Section, 1959-1960.

BENNETT, A.
Aircraft Cockpit Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

BENNING, B. F., Graybar Electric Co. Inc., 420 Lexington Ave., New York 17, N. Y.
Vice-Chairman, Sustaining Membership Committee, 1960-1961; Member 1959-1960.

BENSON, B. S. JR., Benjamin Division, Thomas Industries, Inc., Des Plaines, Ill.
Chairman, Papers Committee, 1960-1961; Vice Chairman, 1959-1960; Publications Committee, 1960-1961; National Technical Conference Committee, 1960-1961.

BESAL, ROBERT J., Pyle-National Co., 1334 N. Kostner Ave., Chicago 51, Ill.
Sports and Recreational Areas, 1959-1960.

BEST, BARNEY P., Healy & Latimer, 2714-9th St. N., St. Petersburg, Fla.
Chairman, Florida Section, 1960-1961.

BICHER, J. HENRY, General Electric Supply Co., 1041 Rockland St., Reading, Pa.
Secretary, Eastern Pennsylvania Section, 1959-1960.

BIESELE, R. L. JR., Shockley Transistor Corp., 1117 California Ave., Palo Alto, Calif.
Daylighting Committee, 1959-1960.

BIGLEY, J. W., Niagara Mohawk Power Corp., 300 Erie Blvd, Syracuse 2, N. Y.
Task Committee for U.E.C. Fund Raising, 1959-1960.

BIRKHOFF, ANDRE J., 1280 Bridge Road, Oakville, Ont.
Testing Procedures Committee, 1959-1961; Subcommittees on Guide for Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials and Guide for Use of Photoelectric Portable Photometers of the Testing Procedures Committee, 1960-1961; Subcommittee on Practical Guide to Photometry of the Testing Procedures Committee, 1960-1961.

BLACK, LLOYD L., Graybar Electric Co. Inc., 532 Indian St., Savannah, Ga.
Chairman, Coastal Empire Chapter, 1959-1960.

BLACKWELL, H. R., Ohio State University, Columbus, Ohio.
Official Representative, U. S. National Committee of the International Commission on Illumination, 1959-1961; Defense Coordinating Committee, 1959-1960.

BLEECKER, A. L., 701 Pennstone Road, Bryn Mawr, Pa.
Subcommittee on Churches of the Institutions Committee, 1959-1961.

BLEISCH, NELSON, Thomas Industries, 700 Oak St., Ft. Atkinson, Wis.
Progress Committee, 1959-1961.

BLITZER, WILLIAM, Lightolier, Inc., 346 Claremont Ave., Jersey City, N. J.
Residence Committee, 1959-1961; Committee on Light Control and Equipment Design, 1959-1960.

BLYTHE, J. D., Indianapolis Power & Light Co., 25 Monument Circle, Indianapolis, Ind.
Roadway Committee, 1959-1961.

BOCK, J. E. 6 Irving Road, Scotia 2, N. Y.
Testing Procedures Committee, 1959-1961; Subcommittee on Guide for Photometric Testing of Floodlights of 10-160° Total Beam Spread (1950) of the Testing Procedures Committee, 1959-1960.

BOEHM, N. H., General Electric Co., 777 14th St. N.W., Washington 5, D. C.
Secretary, Capital Section, 1960-1961.

BOGGS, J. C., U. S. Army Engineer Research & Development Laboratories, Fort Belvoir, Va.
Liaison Representative, Searchlight Committee, 1959-1960; Visibility of Targets and Sources Subcommittee of the Searchlight Committee, 1959-1960.

BOGHOSIAN, ERNEST, Dept. of the Navy, Bureau of Ships, Washington 25, D. C.
Searchlight Committee, 1959-1961; Aviation Committee, 1960-1961; Chairman, Nomenclature Subcommittee of the Searchlight Committee, 1959-1960; Ground Lighting Subcommittee and Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

BOOTH, WARREN W. General Electric Supply Co., 1260 Boston Ave., Bridgeport 9, Conn.
Sustaining Membership Committee, 1959-1961.

BOSWORTH, E.
Aircraft Lamps (Small) Subcommittee of the Aviation and Signal Committee, 1959-1960.

BOUSE, R. L., Rotuba Extruders Inc., 437 88th St., Brooklyn 9, N. Y.
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1961.

BOUVIER, J. F., Office of Air Naval Facilities, Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961.

BOWEN, EDWARD F., City of Fresno, 2326 Fresno St., Fresno 21, Calif.
Secretary, Yosemite Chapter, 1959-1960.

BOX, P. G. 5127 Oakton, Skokie, Ill.
Roadway Committee, 1959-1961; Chairman, Traffic Safety Subcommittee of the Roadway Committee, 1959-1961; Subcommittee on Traffic Sign Lighting and Coordinating Subcommittee of the Roadway Committee, 1959-1961.

BOYD, R. A., Willow Run Laboratories, University of Michigan, P.O. Box 2008, Ann Arbor, Mich.
Daylighting Committee, 1959-1961.

BOYDEN, J. P., Westinghouse Electric Corp., 306 4th Ave., Pittsburgh, Pa.
1960 Conference Executive Committee, 1959-1960.

BOYDSTON, JOHN C., BoMur-Chauvin Electric Co., P. O. Box 406, Albuquerque, N.M.
Secretary, New Mexico Chapter, 1960-1961.

BOYLEN, A. W., Kliegl Bros., 321 W. 50th St., New York, N. Y.
Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961; Theatre-Television Committee, 1959-1960; Lighting for School Theatres Subcommittee of the Theatre Television Committee, 1959-1960.

BRADLEY, R. D., Day-Brite Lighting, Inc., 5411 Bulwer Ave., St. Louis, Mo.
Chairman, Institutions Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Committee on Quality and Quantity of Illumination, 1959-1961; School Committee, 1959-1960; Maintenance Committee 1959-1960; Chairman, Study Project "C" and Member Study Project "B" of the Testing Procedures Committee, 1959-1960; Subcommittee on Guide for Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials of the Testing Procedures Committee, 1959-1960; Chairman, Subcommittee on Practical Guide to Photometry of the Testing Procedures Committee, 1959-1960; Subcommittees on: Guide for Interpretation of Test Data and Results; Guide for Photometric Testing of Fluorescent Luminaires and Practical Guide for Brightness Measurements, 1959-1960.

BRADY, F. B., General Precision Equipment Corp., 92 Gold St., New York 38, N. Y.
Aviation Committee, 1960-1961; Subcommittee, on Aircraft Lighting and Ground Lighting Subcommittee of the Aviation Committee, 1959-1960.

BRAINERD, A. A., Star Route, Edwinna, Pa.
Daylighting Committee, 1959-1961; Industrial Committee, 1959-1961; Maintenance Committee, 1959-1960.

BRAMLEY, C. S., General Electric Co., 570 Lexington Ave., New York 22, N. Y.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1959-1961; Theatre-Television Committee, 1959-1960.

BRANDER, PAUL, Northern Electric Co. Ltd., 1717 Rue St. Gerard, Shawinigan, Que.
Chairman, St. Maurice Valley Chapter, 1960-1961.

BRANSON, J. F. JR., P.O. Box 9844, Jackson 6, Miss.
Secretary, Mississippi Chapter, 1960-1961.

BRASHER, ROBERT, Nunn Electric Supply, 2425 Texas Ave., Lubbock, Texas.
Secretary, South Plains Chapter, 1959-1960.

BRECKENRIDGE, F. C., National Bureau of Standards, Washington 25, D. C.
Aviation Committee, 1960-1961; Papers Committee, 1959-1961; Executive Subcommittee of the Aviation Committee, 1960-1961 Technical Secretary, Aviation and Signal Committee, 1959-1960; Ground Signal Lighting Subcommittee and Aircraft Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

BREDAHL, A. C., Westinghouse Electric Corp., Gateway Center, Pittsburgh 30, Pa.
Official Representative, Industry Committee in Connection with Handbooks of Interior Wiring Design, 1959-1960.

BRENNAN, JAMES, Day-Brite Lighting, Inc., P.O. Box 450, Santa Clara, Calif.
Secretary, San Jose Chapter, 1960-1961.

BREWER, ROBERT W., Iowa Public Service Co., Box 778, Sioux City, Ia.
Secretary, Cornhusker Section, 1959-1960.

BRIGGS, H. JR., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
1960 Conference Executive Committee, 1959-1960.

BRINKERHOFF, O. C., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
1960 Conference Executive Committee, 1959-1960.

BROCARD, MRS. TULA, Dept. of Health, Education and Welfare, Washington 25, D. C.
Joint Lighting Survey (I.E.S.–U. S. Public Health Service) Committee, 1959-1961.

BRODEUR, A. C., JR., Western Massachusetts Electric Co., P.O. Box 10, West Springfield, Mass.
Membership Committee, 1959-1960.

BROOKE, ARTHUR H., Benjamin-Moe Divisions, Thomas Industries Inc., 265 W. 14th St., New York, N. Y.
Tellers Committee, 1959-1960.

BROTZMAN, R. P., Philadelphia Electric Co., 2301 Market St., Philadelphia 3, Pa.
Roadway Committee, 1959-1961; Coordinating Subcommittee, Luminaire Maintenance Subcommittee and General Light Source Subcommittee of the Roadway Committee, 1959-1961.

BROWDER, JOSEPH B., Georgia Power Co., 75 Marietta St., Atlanta, Ga.
Past President, 1960-1961; President, 1959-1960; Chairman, Task Committee for Feasibility of Design Certification, 1959-1961; Medal Award Committee, 1960-1961; Board of Nominations, 1960-1961; Trustee, IES Headquarters Retirement Pension Plan, 1960-1961; Official Representative, U. S. National Committee of the International Commission on Illumination, 1960-1961; Chairman, Council Executive Committee, 1959-1960; Ex-officio Member of all committees, 1959-1960.

BROWN, A. J., Rest-Glow Mfg. Co. Ltd., 5600 Pare St., Montreal 9, Que.
Secretary, Toronto Section, 1959-1960.

BROWN, DONALD R., Crouse-Hinds Co., Syracuse 1, N. Y.
Secretary, Sports and Recreational Areas Committee, 1960-1961; Member 1959-1960; Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961; Service Stations and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961; Secretary, Central New York Section, 1959-1960.

BROWN, L. H., Stanford University, Stanford, Calif.
School Committee, 1959-1960; Board of Fellows, 1959-1960.

BROWN, R. B. JR., Boston Edison Co., 182 Tremont St., Boston, Mass.
Task Committee for Feasibility of Design Certification, 1960-1961; Defense Coordinating Committee, 1959-1960.

BROWN, R. R., Elastic Stop Nut Corp. of America, 1027 Newark Ave., Elizabeth, N. J.
Aviation Committee, 1960-1961.

BROWN, ROBERT W., Cincinnati Gas & Electric Co., P.O. Box 960, Cincinnati 1, Ohio.
Chairman, Allied Arts Committee, 1960-1961; Vice-President, Great Lakes Region, 1959-1960; Regional Activities Committee, 1959-1960; National Technical Conference Committee, 1959-1960.

BROWN, W. C., 1450 Rydalmount Road, Cleveland Heights 18, Ohio.
Task Committee for Feasibility of Design Certification, 1960-1961.

BROWN, WALKER, Weld-Rite Co., 4417 Oakport St., Oakland, Calif.
Secretary, Diablo Section, 1959-1960.

BRUMBAUGH, KENNETH D., Kenneth D. Brumbaugh & Associates, 3128 Southgate Circle, Sarasota, Fla.
Chairman, Florida Section, 1959-1960.

BRUNING, A. H., Georgia Power & Light Co., Valdosta, Ga.
Chairman, Suwannee River Chapter, 1960-1961.

BRUUN, S. W., 626 Frederick St., Ridgewood, N. J.
General Board of Examiners, 1959-1961.

BUCHER, R. S., Philadelphia Electrical & Mfg. Co., 1236 N. 31st St., Philadelphia 21, Pa.
Roadway Committee, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1960-1961.

BULL, H. S., University of Michigan, Ann Arbor, Mich.
Daylighting Committee, 1959-1961; Motor Vehicle (Exterior) Committee, 1959-1961.

BULLEIT, LOUIS A., E. R. Ronald & Associates, 554 So. Third, Louisville, Ky.
Chairman, Kentuckiana Chapter, 1959-1961.

BUNSON, M. B., United States Steel Corp., Homestead District Works, Homestead, Pa.
Recommended Practice Subcommittee of the Industrial Committee, 1959-1961.

BURGESS, GORDON F., California Electric Power Co., 2885 Foothill Blvd., San Bernardino, Calif.
Secretary, Arrowhead Chapter, 1959-1960.

BURDETTE, JOHN C. JR., Egli & Gompf, Inc., 1003 N. Calvert St., Baltimore 2, Md.
Secretary, Maryland Section, 1960-1961.

BURIAN, P., Chas. Butler Assoc., 554 Fifth Ave., New York, N. Y.
Aviation Committee, 1960-1961.

BURNARD, A. C., Canadian General Electric Co. Ltd., 163 Dufferin Street, Toronto, Ont.
Chairman, Winnipeg Chapter, 1959-1960.

BURNHAM, STANLEY I., General Electric Co., 225 N. Wilkenson, Dayton, Ohio.
Secretary, Miami Valley Section, 1959-1961.

BURNS, JACK J., General Electric Co., 361 E. Paces Ferry Rd., N.E., Atlanta 5, Ga.
Chairman, Georgia Section, 1960-1961.

BUTLER, G. D., National Recreation Association, 8 W. 8th St., New York 11, N. Y.
Sports and Recreational Areas Committee, 1960-1961.

BUTLER, GEORGE R., 7 Maple Street, Pittsford, N. Y.
Secretary, Rochester Section, 1959-1961.

BUTLER, H. H., Butler Lighting Mfg. Co., 415 S. St. Francis, Wichita, Kans.
Secretary, Central Kansas Chapter, 1960-1961.

BUTLER, T. W., Hub Electric Co. Inc., 2255 W. Grand Ave., Chicago 12, Ill.
Theatre-Television Committee, 1959-1960.

BUTLER, W. J., B. C. Electric Co. Ltd., 970 Burrard St., Vancouver, B. C.
Secretary, British Columbia Section, 1959-1960.

BUTTOLPH, L. J., 1 Columbia Ave., Cliffside Park, N. J.
Hospitals Subcommittee of the Institutions Committee, 1959-1961.

BUZAN, MILTON, Day-Brite Lighting, Inc., 5411 Bulwer Ave., St. Louis 7, Mo.
Vice-Chairman, Light Control and Equipment Design Committee, 1959-1961; Industrial Committee, 1959-1961.

C

CAHILL, L. J., Benjamin Division, Thomas Industries, Inc., 207 E. Broadway, Louisville, Ky.
Joint Lighting Survey (I.E.S.—U. S. Public Health Service) Committee, 1959-1961.

CALLAGHAN, W. D., Dept. National Defense, Royal Canadian Air Force, Victoria Island, Ottawa, Ont.
Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

CANNON, CECIL L., Day-Brite Lighting Inc., 34-11th St. N.E., Atlanta 9, Ga.
Vice-President, Southeastern Region, 1959-1961; Regional Activities Committee, 1959-1961.

CANTRELL, W. T., Georgia Power Co., 15 Forsyth St. S.W., Atlanta, Ga.
Secretary, Georgia Section, 1960-1961.

CAPPS, J. S., Underwriters' Laboratories Inc., 207 East Ohio St., Chicago 11, Ill.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

CARLSON, F. E., General Electric Co., Nela Park, Cleveland 12, Ohio.
Aviation Committee, 1960-1961; Searchlight Committee, 1959-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Aviation Lamps (Large) of the Aviation and Signal Committee, 1959-1960; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960; Theatre-Television Committee, 1959-1960.

CARPENTER, W. P., The Superior Electric Co. 83 Laurel St., Bristol, Conn.
Light Sources Committee, 1959-1961; Motor Vehicle (Exterior) Committee, 1959-1961; Chairman, Connecticut Section, 1959-1960; Task Committee on U.E.C. Fund Raising, 1959-1960.

CARROLL, ROSCOE D., Utah Power & Light Co., 36 S. State St., Salt Lake City, Utah.
Secretary, Utah Section, 1960-1961.

CARSON, T., Blue Ridge Glass Corp., P.O. Box 631, Kingsport, Tenn.
Daylighting Committee, 1959-1960.

CARSWELL, W. E., University of Toronto, Toronto, Ont.
Color Committee, 1959-1961.

CARYL, ROBERT, Donohoe & Caryl, Airport Road, Syracuse 9, N. Y.
Chairman, Central New York Section, 1959-1960.

CASE, LEON R. JR., Savannah Electric & Power Co., P.O. Box 949, Savannah, Ga.
Chairman, Coastal Empire Chapter, 1960-1961; Secretary, 1959-1960.

CATUDEL, A. L., Bureau of Facilities and Materiel, Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961.

CHAMBERS, J. R., Appleton Electric Co., 1701-1759 Wellington Ave., Chicago 13, Ill.
Vice-President, 1959-1961; Council Executive Committee, 1959-1961, Chairman, IES Territorial and Organizational Task Subcommittee, 1960-1961; Ex-officio member of all Technical Committees, 1960-1961; Chairman, Regional Activities Committee, 1959-1960.

CHASE, ROBERT H., Hartford Electric Light Co., 266 Pearl St., Hartford 15, Conn.
Secretary, Connecticut Section, 1959-1960.

CHASSAING, BROOKS, Chassaing Lighting, Inc., 7601 Forsyth Blvd., St. Louis 5, Mo.
Publications Committee, 1959-1961; National Technical Conference Committee, 1959-1961; Chairman, 1961 Conference Executive Committee, 1960-1961; IES Territorial and Organizational Task Subcommittee, 1960-1961; Vice-President, Midwestern Region, 1959-1960; Regional Activities Committee, 1959-1960; Task Committee on U.E.C. Fund Raising, 1959-1960.

CHICK, A. R., Electrical Testing Laboratories, Inc., 2 East End Ave., New York 21, N. Y.
Testing Procedures Committee, 1960-1961; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1960-1961.

CHORLTON, JOHN M., Board of Education, 155 College St., Toronto 2B, Ont.
Vice-President, Canadian Region, 1959-1961; Regional Activities Committee, 1959-1961; Advance Planning Committee, 1960-1961; Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; IES Territorial and Organizational Task Subcommittee, 1960-1961; Official Representative, ASA Committee A23, 1959-1961; Chairman, School Committee, 1959-1960; Committee on Applied Lighting Competition, 1959-1960.

CHRISTENSEN, C. G., Christensen Lighting, 1517 Harney St., Omaha 2, Nebr.
Aircraft Lamps (Small) Subcommittee of the Aviation and Signal Committee, 1959-1960.

CHUBB, L. W. JR., Polaroid Corporation, 730 Main St. Cambridge 39, Mass.
Motor Vehicle Committee, 1959-1961.

CHURCH, ERIC H., Lighting Products Inc., Highland Park, Ill.
Office Committee, 1960-1961; Chairman, 1959-1960; Sustaining Membership Committee, 1959-1961; Light Control and Equipment Design Committee, 1959-1961; Official Representative, ASA Committee X-2, 1959-1961; Fund Subcommittee of the Sustaining Membership Committee, 1960-1961; Committee on Quality and Quantity of Illumination, 1959-1960.

CHURCHILL, R. D., General Electric Co., Nela Park, Cleveland 12, Ohio.
Light Sources Committee, 1959-1961.

CLAFFEY, HARRY W. JR., General Electric Co., 3333 N. Meriden St., Indianapolis 8, Ind.
Chairman, Indiana Section, 1960-1961.

CLARK, C. N., General Electric Co., Nela Park, Cleveland 12, Ohio.
Inter-Society Color Council, 1959-1961; Color Rendition Subcommittee of the Light Sources Committee, 1959-1961; Theatre Group of the Theatre-Television Committee, 1960-1961; Television Group of the Theatre-Television Committee, 1960-1961.

CLARK, FRANCIS, Lighting Services, 515 Meriden Road, Waterbury, Conn.
Maintenance Committee, 1959-1960.

CLARK, GEORGE W., Sylvania Lighting Products Inc., One 48th St., Wheeling, W. Va.
Chairman, Membership Committee, 1960-1961; Publications Committee, 1959-1960; Committee on Design Practice, 1959-1960.

CLARK, P. B., Line Material Industries, 12th & Madison Avenues, Milwaukee, Wis.
Aviation Committee, 1960-1961; Roadway Committee, 1959-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, High Speed, Density Highways Subcommittee of the Roadway Committee, 1959-1961; Subcommittees on: General Light Sources; Roadway Lighting Principles and Standard Practice of the Roadway Committee, 1959-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

CLARKSON, C. W., Corning Glass Works, 717 Fifth Ave. New York 22, N. Y.
General Board of Examiners, 1960-1961; Office Committee, 1959-1961; Merchandising Committee, 1959-1961.

CLAYTON, GEORGE D., George D. Clayton & Associates, 14125 Prevost, Detroit 27, Mich.
Joint Lighting Survey (IES-U. S. Public Health Service) Committee, 1959-1961.

CLAYTON, M. L., Convair, P.O. Box 1950, San Diego, Calif.
Chairman, Aircraft Exterior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

CLEAVER, O. P., U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Va.
Education Committee, 1959-1961; Defense Coordinating Committee, 1959-1960.

CLEMENT, G. K., Dept. of the Air Force, HQ USAF, Washington 25, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittees on: Ground Runway Lighting; Ground Taxiway Lighting and Ground Lighting of the Aviation and Signal Committee, 1959-1960.

CLOSS, GREGG N., Gregg N. Closs Co., 977 Jackson, Denver 6, Colo.
Secretary, Rocky Mountain Section, 1960-1961.

CLUBLEY, R. S., General Electric Co., 2747 So. Malt Ave., Los Angeles 22, Calif.
Chairman, Electronics Industry Subcommittee of the Industrial Committee, 1959-1960; Subcommittee on Aircraft Manufacturing of the Industrial Committee, 1959-1960.

CLUM, HENRY G., Silvray Lighting Inc., 100 N. Main St. Bound Brook, N. J.
National Technical Conference, 1960-1961.

COAKLEY, ROSE M., Superior Electric Co., 250 Park Ave., New York 17, N. Y.
Hospital Subcommittee of the Institutions Committee, 1960-1961.

COAN, PRESCOTT, Monsanto Chemical Co., Plastics Div., Monsanto Ave., Springfield 2, Mass.

Light Control and Equipment Design Committee, 1960-1961; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

COBB, K. W., 1213 Katiryn Road, Silver Spring, Md.
Chairman, Capital Section, 1960-1961.

COFFEY, WILLIAM, The Pyle National Co., 1334 No. Kostner Ave., Chicago 51, Ill.
Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

COFFIN, ALFRED S. JR., Public Service Co. of Indiana, Inc., 1000 East Main, Plainfield, Ind.
Chairman, Indiana Section, 1959-1960.

COGGINS, D. I., Sylvania Electric Products Inc., Ipswich, Mass.
Aviation Committee, 1960-1961; Chairman, Ground Approach Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960; Subcommittees on Aircraft Lighting and Ground Lighting of the Aviation and Signal Committee, 1959-1960.

COHEN, RICHARD D., Glasco Electric Co., 721 No. 11th St., St. Louis, Mo.
Vice-President, Midwest Region, 1960-1961; Regional Activities Committee, 1960-1961; National Technical Conference Committee, 1960-1961.

COLF, ROGER B. JR., Jersey Central Power & Light Co., 400 E. Main St., Denville, N. J.
Secretary, New Jersey Section, 1960-1961.

CONKLIN, C. A., Westinghouse Electric Corp., Union Bank Bldg., Pittsburgh 30, Pa.
1960 Conference Executive Committee, 1959-1960.

CONNELLY, G. W., Florida Power & Light Co., P.O. Box 1071, Daytona Beach, Fla.
Secretary, Central Florida Chapter, 1960-1961.

CONOVER, E. W., Fenestra Inc., 2250 E. Grand Blvd., Detroit 11, Mich.
Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

CONVERSO, VICTOR E., Port of N. Y. Authority, Aviation Division, 111 8th Ave., New York, N. Y.
Corresponding Secretary, Aviation Committee, 1959-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Heliport Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960; Ground Lighting Subcommittee and Ground Taxiway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

COOK, BILLY L., Close-Cook Associates, P.O. Box 9837, Dallas 14, Texas.
Chairman, North Texas Section, 1960-1961.

COOK, C. N., Airport Engineering Branch, Bureau of Facilities & Materiel, Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee of the Aviation Committee, 1960-1961.

COOK, H. A., Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Industrial Committee, 1959-1961; Chairman, Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

COOPER, BERLON C., McGraw-Hill Publishing Co., 330 W. 42nd St., New York 18, N. Y.
Data Sheet Subcommittee, of the Publications Committee, 1960-1961.

COOPER, KENDALL, Warfare Vision Laboratory, Engineering Research & Development, Dept. of the Army, Ft. Belvoir, Va.
Aviation Committee, 1960-1961.

COPELAND, D. L., Crouse-Hinds Co., 2801 San Jacinto St., Houston 4, Texas.
Chairman, San Jacinto Section, 1960-1961.

CORDLE, T. LLEW, J. N. Pease & Co., 2925 Independence Blvd., Charlotte 1, N. C.
Chairman, Tar Heel Section, 1959-1960.

CORNELIUS, WARREN G., Westinghouse Electric Supply Co., 511 E. Byrd St., Richmond, Va.
Chairman, Virginia Section, 1959-1960.

COTE, JEAN-PAUL, 1003 Ste. Anne Blvd., Quebec, Que.
Secretary, Quebec Chapter, 1960-1961.

COTTINGHAM, JACK T., Portland General Electric Co., 621 S.W. Alder St., Portland 5, Ore.
Vice-President, Pacific Northwest Region, 1960-1961; Regional Activities Committee, 1960-1961.

COTTON, KENNETH L., General Electric Co., 434 S. Main St., San Antonio, Texas.
Chairman, Alamo Section, 1959-1960.

COTTRELL, C. L., Cornell University, Phillips Hall, Ithaca, N. Y.
Nomenclature Committee, 1959-1961.

COX, JAMES A., California Electric Power Co., P.O. Box 176, Corona, Calif.
Secretary, Arrowhead Chapter, 1960-1961.

COX, JAMES L., Duro-Test Corp., 2321 Hudson Blvd., No. Bergen, N. J.
Papers Committee, 1959-1961.

CRAMER, H. A., The Martin Co., Box 5837, Mail #109, Orlando, Fla.
Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

CRAVATH, JAMES, 2152 Ward St., Berkeley, Calif.
Historical Committee, 1959-1960.

CRICK, PAUL A., Paul A. Crick Agency, 2100 Stemmons Freeway, Dallas 7, Texas.
Chairman, North Texas Section, 1959-1960.

CROCKETT, RALPH E. General Electric Co., 570 Lexington Ave., New York, N. Y.
Tellers Committee, 1959-1960.

CROSBY, PAUL M., Cambridge Electric Light Co., 46 Blackstone, Cambridge 39, Mass.
Secretary, New England Section, 1959-1961.

CROSBY, W. F. JR., Corning Glass Works, Corning, N. Y.
Secretary, Central New York Section, 1960-1961; Roadway Committee, 1959-1961; Chairman, Program and Publicity Subcommittee of the Roadway Committee, 1959-1961.

CROUCH, T. J., Dept. of Air Force, Moody A.F.B., Valdosta, Ga.
Secretary, Suwannee River Chapter, 1959-1961.

CRYSLER, C. M., General Electric Co., 238 W. Carson St., Pittsburgh, Pa.
1960 Conference Executive Committee, 1959-1960.

CUMMINGS, W. C. JR., Public Service Electric & Gas Co., 80 Park Place, Newark 1, N. J.
Recommended Practice Subcommittee of the Industrial Committee, 1960-1961.

CUNNINGHAM, EDWARD J., Niagara Mohawk Power Corp., 535 Washington St., Buffalo, N. Y.
Chairman, Western New York Section, 1960-1961.

CUTLER, C. M., General Electric Co., Nela Park, Cleveland 12, Ohio.
Papers Committee, 1959-1961.

CUTLER, DAVID, Cutler Electrical Products Inc., 5524 Haverford Ave., Philadelphia 39, Pa.
Light Sources Committee, 1959-1961.

CUTTRELL, E. A., American Airlines Inc., La Guardia Airport, Flushing, N. Y.
Aviation Committee, 1960-1961;Ground Lighting Subcommittee and Ground Approach Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

D

DAHL, R. C., Joslyn Mfg. & Supply Co., 969 W. 37th Place, Chicago 9, Ill.
Testing Procedures Committee, 1959-1961; Guide for Photometric Testing of Mercury, Sodium & Incandescent Street Lighting Luminaires of the Testing Procedures Committee, 1959-1960.

DAHLIN, ROY, Southern California Edison Co., 601 West Fifth St., Los Angeles 17, Calif.
Allied Arts Committee, 1959-1961.

DALRYMPLE, W. A., Amalgamated Electric Corp. Ltd., 824 Pape Ave., Toronto 6, Ont.
Chairman, Public Relations and Information Committee, 1959-1960.

DAMUCK, WALTER, Damuck & Painchaud, Architects, 10 Wall St., Madison, Conn.
Chairman, Housatonic Chapter, 1960-1961.

D'ANDRADE, H. E., General Electric Co., 570 Lexington Ave., New York 22, N. Y.
Official Representative, ASA Committee A9, 1959-1961; Chairman, General Board of Examiners, 1959-1960.

DANIELS, JULIUS, Centerville, Cape Cod, Mass.
Task Committee on U.E.C. Fund Raising, 1959-1960.

DARNTON, PETER, Pacific Gas & Electric Co., 161 Main St., Salinas, Calif.
Chairman, San Jose Chapter, 1960-1961.

DAROFF, MAXWELL, US Naval Air Engineering Facility, Naval Base, Philadelphia 12, Pa.
Aviation Committee, 1960-1961.

DAVIDSON, G. E., Hydro Electric Power Commission of Ontario, 620 University Ave., Toronto, Ont.
Light Sources Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Subcommittees on: Practical Guide for Brightness Measurements; Practical Guide to Photometry; Guide for Photometric Testing of Floodlights of 10°-160° Total Beam Spread (1950); Guide for Photometric Testing of Fluorescent Luminaires; Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps; Guide for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires; Guide for Life Performance Testing of Fluorescent Lamps; Guide for Interpretation of Test Data and Results; Guide for Electrical & Photometric Measurements of Fluorescent Lamps and Guide for Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials, of the Testing Procedures Committee, 1959-1960; Study Projects "A," "B," and "C" of the Testing Procedures Committee, 1959-1960.

DAVIDSON H. F., Curtis-AllBrite Lighting Ltd., 195 Wickstead Ave., Toronto 17, Ont.
Papers Committee, 1959-1961; School Committee, 1959-1960; Chairman, Chalkboards Subcommittee of the School Committee, 1959-1960.

DAVIS, ARIEL R., Ariel Davis Mfg. Co., 3687 So. State St., Salt Lake City 15, Utah.
Chairman, Theatre Lighting Glossary of the Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961; Theatre Group of the Theatre-Television Committee, 1960-1961; Theatre-Television Committee, 1959-1960; Subcommittee on Lighting for School Theatres of the Theatre-Television Committee, 1959-1960.

DAVIS, DONALD W., The Kirlin Company, 3435 E. Jefferson, Detroit 7, Mich.
Testing Procedures Committee, 1959-1961; Subcommittees on Practical Guide for Brightness Measurements; Guide for Interpretation of Test Data and Results and Guide for Photometric Testing of Fluorescent Luminaires of the Testing Procedures Committee, 1959-1960.

DAVIS, DOROTHY L., Illinois Power Co., Niedringhaus and Delmar, Granite City, Ill.
Residence Lighting Forums Committee, 1960-1961.

DAVIS, J. F., National Bureau of Standards, P.O. Box 193, Arcata, Calif.
Ground Taxiway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

DAVIS, R. K. Wright Air Development Center, Wright-Patterson Air Force Base, Ohio.
Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting and Subcommittee on Aircraft Interior Lighting of the Aviation and Signal Committee, 1959-1960.

DAWSON, GEORGE V. JR., H. E. Williams Co., 4838 N. Gladstone St., Kansas City 19, Mo.
Secretary, Heart of America Section, 1960-1961.

DAWSON, STEPHEN A., Amalgamated Electric Corp., Ltd., Ottawa, Ont.
Secretary, Ottawa Section, 1959-1960.

DEAN, G. F., Toronto Hydro-Electric System, 14 Carlton St., Toronto 2, Ont.
Vice-President, 1960-1961; Chairman, Regional Activities Committee, 1960-1961; Council Executive Committee, 1959-1961; Committee on Constitution and Procedures, 1959-1961; Office Committee, 1959-1961; Color Committee, 1959-1961; Inter-Society Color Council, 1959-1961; Applied Lighting Competition, 1959-1961; IES Territorial and Organizational Task Subcommittee, 1960-1961; General Secretary, 1959-1960.

DECK, JOHN B. JR., General Electric Supply Co., P.O. Box 5504, Dallas 22, Texas.
Vice-President, Southwestern Region, 1959-1961; Regional Activities Committee, 1959-1961; National Technical Conference Committee, 1959-1961.

DECKER, H. B., Federal Aviation Agency, Columbian Bldg., 416 5th St. N.W., Washington 25, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Taxiway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

DiGAETANI, THOMAS P., U. S. Institute for Theatre Technology, Box 291, New York 25, N. Y.
Theatre Group of the Theatre-Television Committee, 1960-1961.
DEMOUREUILLE, PIERRE, Carbons Inc., 400 Myrtle Ave., Boonton, N. J.
Searchlight Committee, 1959-1961.
DiSTEFANO, GILBERT J., Columbia Broadcasting System, Inc., 485 Madison Ave., New York 22, N. Y.
Theatre-Television Committee, 1959-1960.
DEUTSCH, LESTER, Radiant Lamp Corp., 300 Jelliff Ave., Newark, N. J.
Theater-Television Committee, 1959-1961; Television Group and Theatre Group of the Theatre-Television Committee, 1960-1961.
DEWEY, W. S., The Ohio State University, Department of Speech, 154 N. Oval Drive, Columbus 10, Ohio.
Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961.
DICKELMAN, L. H., Gimbel Brothers, Inc., 101 W. Wisconsin Ave., Milwaukee, Wis.
Merchandising Committee, 1959-1961.
DICKINSON, R. H., Sylvania Electric Products Inc., 71 Loring Ave., Salem, Mass.
Sports and Recreational Areas Committee, 1959-1961.
DITAMORE, J. W., Purdue University, Hall of Music, Loeb Playhouse, Lafayette, Ind.
Theatre Group of the Theatre-Television Committee, 1960-1961.
DITCHMAN, J. P., General Electric Co., Nela Park, Cleveland 12, Ohio.
Joint Farm (IES-American Society of Agricultural Engineers) Committee, 1959-1961.
DODD, WALTER H., J. E. Dufton Lighting, 26 Evergreen Ave., London, Ont.
Chairman, Forest City (London) Chapter, 1959-1960.
DOLKART, LEO, 222 E. Chestnut St., Chicago, Ill.
Historical Committee, 1959-1960.
DORMAN, W. H., Corning Glass Works, Corning, N. Y.
Subcommittees on: Research; Roadway Lighting Principles; and Luminaire Maintenance of the Roadway Committee, 1959-1961.
DORSEY, R. T., General Electric Co., Nela Park, Cleveland 12, Ohio.
Progress Committee, 1959-1961; Merchandising Committee, 1959-1961; National Technical Conference Committee, 1959-1961.
DOUGLAS, CHARLES A., National Bureau of Standards, Washington 25, D. C.
Chairman, Aviation Committee, 1960-1961; Official Representative, National Research Council Division of Engineering and Industrial Research, 1959-1961; Chairman, Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittees on: Ground Signal Lighting; Ground Approach Lighting; Aircraft Lighting; Ground Runway Lighting and Papers Coordinator, Ground Lighting Subcommittee, of the Aviation and Signal Committee, 1959-1960.
DOUGLASS, MARY, Southern Colorado Power Co., 115 W. 2nd St., Pueblo, Colo.
Secretary, Southern Colorado Chapter, 1960-1961.
DOW, A. R., Toronto Hydro Electric System, 14 Carlton St., Toronto, Ont.
Roadway Committee, 1959-1961.
DOWNEY, S. F., Wheeler-Fullerton Lighting Corp., 275 Congress St., Boston, Mass.
Subcommittee on Guide for Interpretation of Test Data and Results of the Committee on Testing Procedures, 1959-1960.
DOYLE, H. N., U. S. Public Health Service, Washington, D. C.
Vice-Chairman, Joint Lighting Survey (IES-U. S. Public Health Service) Committee, 1959-1961.
DRAKE, W., The Carlisle & Finch Co., 4562 W. Mitchell Ave., Cincinnati 32, Ohio.
Optics Subcommittee of the Searchlight Committee, 1959-1960.
DUCKWALL, R. W., University of Michigan, Ann Arbor, Mich.
Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961.
DUCKWORTH, M., Graybar Electric Co. Inc., 900 Ridge Ave., Pittsburgh 12, Pa.
1960 Conference Executive Committee, 1959-1960.
DUEPNER, CHARLES, B.M.D. & R., Inc., 7020 Walker St., Minneapolis, Minn.
Secretary, Twin City Section, 1959-1960.
DUHME, FRANK E. JR., Smoot-Holman Co., 55 Mississippi St., San Francisco, Calif.
Chairman, Golden Gate Section, 1960-1961.
DULL, R. B., National Carbon Co., Fostoria, Ohio.
Light Sources Committee, 1959-1961; Searchlight Committee, 1959-1961.
DULUDE, RICHARD, Corning Glass Works, Corning, N. Y.
Sports and Recreational Areas Committee, 1959-1961.
DUNLOP, RICHARD, Dunlop Lighting, 12-14 E. 24th St., Baltimore 18, Md.
Chairman, Maryland Section, 1960-1961.
DUNNIGAN, GERALD, Northern Electric Co. Ltd., P.O. Box 1573, Quebec City, Que.
Chairman, Quebec Chapter, 1959-1960.
DUNSMORE, OLIVER G., D. H. Howden Ltd., 255 Horton St., London, Ont.
Secretary, Forest City (London) Chapter, 1960-1961.
DUVAL, LEO E. JR., Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Chairman, Maintenance Committee, 1960-1961; Member 1959-1960; Joint Lighting Survey (IES-U. S. Public Health Service) Committee, 1959-1961.

E

EASTMAN, A. A., General Electric Co., Nela Park, Cleveland 12, Ohio.
School Committee, 1959-1960; Chairman, Student Vision and Scholarship Subcommittee of the School Committee, 1959-1960.
EBERLY, J. L., Thompson Electric Co., 5201 Richmond Rd., Cleveland, Ohio.
Roadway Committee, 1960-1961.
EDDINS, FRANK, Kansas Gas & Electric Co., P.O. Box 208, Wichita, Kans.
Secretary, Central Kansas Chapter, 1959-1960.
EDDY, RICHARD H., Columbia & Southern Ohio Electric Co., 215 Front St., Columbus 15, Ohio.
Secretary, Buckeye Chapter, 1960-1961.
EDMAN, WARREN H., Holophane Company, Inc., Newark, Ohio.
Roadway Committee, 1959-1961; Chairman, Standard Practice Subcommittee of the Roadway Committee, 1959-1961; Subcommittees on: Roadway Lighting Principles; Interchange with Foreign Groups; Visibility Under Fog Conditions; High Speed, Density Highways of the Roadway Committee, 1959-1961.
EDWARDS, R. N., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Office Committee, 1960-1961.
EGAN, R. M., Structural Concrete Products Co., 10 East 40th St., New York 16, N. Y.
Aviation Committee, 1960-1961.
EGELER, CARL E., 1078 Brandon Rd., Cleveland 12, Ohio.
Searchlight Committee, 1959-1961; Aviation Committee, 1960-1961.
EHRLICH, SIMON E., Excello Public Service Corp., 111 N. Redwood St., Baltimore 1, Md.
Secretary, Maryland Section, 1959-1960.
EICHORN, JOHN F. JR., New England Electric System, 441 Stuart St., Boston, Mass.
Public Relations and Information Committee, 1959-1960.
ELLEFSON, G. E., JR., Leo L. Landauer & Associates, 1800 E. 26th St., Little Rock, Ark.
Secretary, Arkansas Chapter, 1960-1961.
ELLIOTT, CHARLES E., Smithcraft Corp., 217 Everett Ave., Chelsea 50, Mass.
Committee on Testing Procedures, 1959-1961.
ELMER, W. B., 115 Pinckney St., Boston, Mass.
Roadway Committee, 1959-1961; Subcommittees on: Roadway Lighting Principles; Standard Practice and Research of the Roadway Committee, 1959-1961.
ELWELL, H. A., Standard Oil Co., 910 So. Michigan Ave., Chicago 5, Ill.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.
ELY, M. R., National Electric Sign Association, 10912 So. Western Ave., Chicago 43, Ill.
Sign Lighting Committee, 1959-1960.
ENDRES, L. M., General Services Administration, 4333 GSA Bldg., Washington 25, D. C.
Maintenance Committee, 1959-1960; Office Committee, 1959-1960.
ENGBERG, R. E., Beling Engineering Consultants, 1011 Main St., Peoria, Ill.
Secretary, Central Illinois Chapter, 1960-1961.
ENGELHARDT, FRED, Omaha Public Power District, 718 Electric Bldg., Omaha, Nebr.
Secretary, Cornhusker Section, 1960-1961.
ENGHOUSER, RALPH P., Sylvania Electric Products Inc., 4700 Parkside Ave., Philadelphia 31, Pa.
Subcommittee on Service Stations and Parking Areas of the Merchandising Committee, 1959-1961; Chairman, Graphic Arts Subcommittee of the Industrial Committee, 1959-1960.
EVANS, B. H., Texas Engineering Experiment Station, Texas A & M College, College Station, Texas.
Daylighting Committee, 1959-1960.
EWING, W. B., Sunscreen Corporation, P.O. Box 482, Fajardo, Puerto Rico.
Daylighting Committee, 1959-1961.

F

FAGIN, I., Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.
FAHEY, J. H., Joslyn Mfg. & Supply Co., 3700 S. Morgan St., Chicago 9, Ill.
Roadway Committee, 1959-1961.
FAHSBENDER, MYRTLE, Westinghouse Electric Corp., Bloomfield, N. J.
Residence Committee, 1959-1961; Chairman, Subcommittee on Revision of "Contemporary Lighting in Modern and Traditional Interiors," of the Residence Committee, 1959-1960.
FAIRCHILD, E. L., Wayne State University, 632 Putnam, Detroit 2, Mich.
Education Committee, 1959-1961; Subcommittee on Science Textbook Review of the Education Committee, 1959-1961.
FAIRWEATHER, J. R., Atlantic Refining Co., 260 So. Broad St., Philadelphia, Pa.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.
FALK, NORMAN, Holophane Company, Inc., 342 Madison Ave., New York 17, N. Y.
Merchandising Committee, 1959-1961; Progress Committee, 1959-1961.
FAREN, SAM A., Graybar Electric Co. Inc., 432 Monroe, N.W., Grand Rapids, Mich.
Chairman, Western Michigan Section, 1960-1961.
FARLEY, FRED A., Benjamin Division, Thomas Industries, Inc., 4725 S.W. 18th Pl., Portland, Ore.
Chairman, Oregon Section, 1960-1961.
FARRIS, O. F., Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961; Subcommittees on Ground Lighting and Ground Approach Lighting of the Aviation and Signal Committee, 1959-1960.
FAUCETT, ROBERT E., General Electric Co., Hendersonville, N. C.
Chairman, Palmetto Section, 1960-1961; Aviation Committee, 1960-1961; Progress Committee, 1959-1961; Sports and Recreational Areas Committee, 1959-1961; Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961; Sign Lighting Committee, 1959-1960.
FEAGANS, FRANK I., Kansas City Power & Light Co., 1330 Baltimore Ave., Kansas City 41, Mo.
Residence Lighting Forums Committee, 1960-1961.
FEAK, EDWARD D., Southern Railway System, 15th & K St. N.W., Washington 5, D. C.
Outdoor Production Subcommittee of the Industrial Committee, 1959-1961.
FELDMAN, SIDNEY, Material Laboratory, New York Naval Shipyard, Brooklyn, N. Y.
Testing Procedures Subcommittee of the Searchlight Committee, 1959-1960.
FELTON, JOHN G., Sylvania Lighting Products Inc., One 48th St., Wheeling, W. Va.
Allied Arts Committee, 1959-1960; Chairman, Subcommittee on Aircraft Manufacturing of the Industrial Committee, 1959-1960.
FERRARIS, J. G., J. A. Wilson Lighting & Display Ltd., Box 102, Armdale P.O., Halifax, N. S.
Secretary, Bluenose Chapter, 1959-1961.

FINCH, BRENT R., The Carlisle & Finch Co., 4562 W. Mitchell Ave., Cincinnati 32, Ohio
Searchlight Committee, 1959-1961; Optics Subcommittee of the Searchlight Committee, 1959-1960.

FINCH, D. M., University of California, Richmond Field Station, Richmond, Calif.
Aviation Committee, 1960-1961; Education Committee, 1959-1961; Nomenclature Committee, 1959-1961; Roadway Committee, 1959-1961; Motor Vehicle Committee, 1959-1961; Subcommittees on: Visibility Under Fog Conditions and Research of the Roadway Committee, 1959-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960; Subcommittee on Guide for Photometric Testing of Fluorescent Luminaires of the Testing Procedures Committee, 1959-1960.

FINK, W. C., JR., Senior Fluorescent, Inc., 70 Fourth St. N.W., Atlanta, Ga.
Maintenance Committee, 1959-1960.

FINN, J. F., Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Task Committee on UEC Fund Raising, 1959-1960.

FIORENTINO, IMERO, 6738 108th St., Forest Hills 75, N. Y.
Television Group of the Theatre-Television Committee, 1960-1961; Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961; Theatre-Television Committee, 1959-1960.

FISHER, DONALD E., Pacific Gas & Electric Co., P.O. Box 180, Selma, Calif.
Chairman, Yosemite Chapter, 1959-1960.

FISHER, WALTER C., Federal Aviation Agency, Washington 25, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittees on Aircraft Interior Lighting and Aircraft Lamps (Small) of the Aviation and Signal Committee, 1959-1960; Papers Coordinator of the Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

FISHER, W. S. JR., General Electric Co., Nela Park, Cleveland 12, Ohio.
Secretary, Cleveland Section, 1960-1961; Office Committee, 1960-1961; Secretary, 1959-1960; School Committee, 1959-1960.

FISHMAN, IRVING, Port of New York Authority, 111 8th Ave., New York 11, N. Y.
Roadway Committee, 1959-1961.

FITZGERALD, W. J., Koppers Company, Inc., Koppers Bldg., Pittsburgh 19, Pa.
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1961.

FITZMAURICE, G. F., Beverly A. Travis & Associates, 1117 2nd Ave. Bldg., Seattle 1, Wash.
Secretary, Puget Sound Section, 1960-1961.

FLEISCHMAN, F. F. JR., Corning Glass Works, 4 Gateway Center, Pittsburgh 22, Pa.
Sustaining Membership Committee, 1960-1961; Fund Raising Subcommittee, 1960-1961.

FLETCHER, H. B., Wheeler-Fullerton Lighting Corp., 275 Congress St., Boston, Mass.
Sign Lighting Committee, 1959-1960.

FOLSOM, W. F., Dallas Power & Light Co., 1506 Commerce St., Dallas, Texas.
Board of Fellows, 1960-1961.

FORBES, J. C., General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Membership Committee, 1959-1960.

FORD, EDWIN R., Air Line Stewards & Stewardesses Association, 55 W. 60th St., Hialeah, Fla.
Aircraft Interior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

FORSYTHE, W. E., 15006 Terrace Rd., E. Cleveland 12, Ohio.
Official Representative, National Academy of Sciences, Advisory Board on Critical Tables, 1959-1961.

FOSS, C. D., Consolidated Electric Lamp Co., 330 Lynnway, Lynn, Mass.
Subcommittee on Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, of the Testing Procedures Committee, 1959-1960; Subcommittee on Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps of the Testing Procedures Committee, 1959-1960.

FOSTER, H. G., Northern Electric Co., Ltd., 8325 Fraser St., Vancouver, B. C.
Chairman, British Columbia Section, 1959-1960.

FOULKS, W. V. C., Curtis-AllBrite Lighting Inc., 6135 W. 65th St., Chicago 38, Ill.
Testing Procedures Committee, 1959-1961; School Committee, 1959-1960; Subcommittees on: Guide for Photometric Testing of Fluorescent Luminaires and Guide for Interpretation of Test Data and Results, of the Committee on Testing Procedures, 1959-1960.

FOWLE, ARTHUR W., Holophane Company Inc., Newark, Ohio.
Photographic Studies Subcommittee of the Roadway Committee, 1959-1961.

FRANCK, KURT, Holophane Company, Inc., Newark, Ohio.
Papers Committee, 1959-1961.

FRANKLIN, J. STUART, General Electric Co., Hendersonville, N. C.
Testing Procedures Committee, 1959-1961; Chairman of Subcommittees on: Guide for Photometric Testing of Floodlights of 10-160° Total Beam Spread (1950); Guide for Outdoor Illumination Tests; Guide for Electrical and Photometric Measurements of Mercury Lamps; Guide for Interpretation of Test Data and Results; and Guide for Photometric Testing of Outdoor Luminaires of the Testing Procedures Committee, 1959-1960; Subcommittees on: Guide for Electric & Photometric Measurements of Fluorescent Lamps; Guide for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires; and Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, of the Testing Procedures Committee, 1959-1960; Study Project "B" Subcommittee of the Testing Procedures Committee, 1959-1960.

FREEMAN, GEORGE A., Westinghouse Electric Corp., Bloomfield, N. J.
Light Sources Committee, 1959-1961; Color Rendition Subcommittee of the Light Sources Committee, 1959-1961; Subcommittee on Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps of the Testing Procedures Committee, 1959-1960.

FRICK, D. W., Canadian Broadcasting Corp., P.O. Box 10, Snowdon, Montreal, Que.
Television Group of the Theatre-Television Committee, 1960-1961; Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1959-1961; Theatre-Television Committee, 1959-1960.

FRIEDE, H. A., Government District of Columbia, District Bldg., 14th & E St. N.W., Washington, D. C.
Roadway Committee, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

FREYER, EVE., 111 No. Walnut St., East Orange, N. J.
Chairman, Residence Lighting Forums, 1959-1960.

FRY, GLENN A., The Ohio State University, School of Optometry, Columbus 10, Ohio.
Official Representative, U. S. National Committee of the International Commission on Illumination, 1959-1961.

FUCHS, THEODORE, Northwestern University, Evanston 1, Ill.
Theatre Group of the Theatre-Television Committee, 1960-1961; Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961; Theatre-Television Committee, 1959-1960; Lighting for School Theatres Subcommittee of the Theatre-Television Committee, 1959-1960.

FULMER, ROBERT P., Westinghouse Electric Corp., 1407 Comer Bldg., Birmingham 3, Ala.
Chairman, Alabama Section, 1960-1961.

FURR, JAMES, Air Line Pilots Association, 1143 National Press Bldg., Washington, D. C.
Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee, 1960-1961.

G

GABLER, LLOYD, Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Residence Lighting Forums Committee, 1960-1961.

GABRIEL, M. H., General Electric Co., Nela Park, Cleveland 12, Ohio.
Subcommittee on Practical Guide to Colorimetry of Light Sources of the Testing Procedures Committee, 1959-1960.

GAISER, GARY, Indiana University, University Theatre, Bloomington, Ind.
Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961.

GALLET, E. H., Advance Transformer Co., 2950 N. Western Ave., Chicago 18, Ill.
Chairman, Chicago Section, 1960-1961.

GARRETT, B. D., General Electric Supply Co., 701 East 5th Ave., P.O. Box 1030, Amarillo, Texas.
Secretary, Panhandle Chapter, 1960-1961.

GARRETT, W. JR., Westinghouse Electric Corp., 405 Lexington Ave., New York, N. Y.
Theatre-Television Committee, 1959-1960.

GASSON, L., L. H. Schwindt & Co., Burlington, Ont.
Secretary, Hamilton, Ontario Chapter, 1959-1961.

GATES, ROBERT F., National Aviation Facilities Experimental Center, Pleasantville, N. J.
Aviation Committee, 1960-1961.

GATEWOOD, EUGENE C., 4400 Collingwood Drive, Charlotte, N. C.
Chairman, Tar Heel Section, 1960-1961.

GATLIN, H. GRADY, Air Transport Association of America, 1000 Connecticut Ave. N.W., Washington 6, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee of the Aviation Committee, 1960-1961.

GEIS, LESTER, Garden City Plating & Mfg. Co., 48 W. 48th St., New York, N. Y.
Merchandising Committee, 1959-1961.

GENSBURGER, JACOB M., New Orleans Public Service, Inc. 317 Baronne St., New Orleans, La.
Vice-President, South Central Region, 1959-1960; Regional Activities Committee, 1959-1960; Task Committee on U.E.C. Fund Raising, 1959-1960.

GENTRY, J. W., Purchase Electric Supply Co., 700 Ottawa, N.W., Grand Rapids, Mich.
Secretary, Western Michigan Section, 1960-1961.

GEORGE, E. O., The Detroit Edison Co., 2000 Second Ave. Detroit 26, Mich.
Fund Subcommittee of the Sustaining Membership Committee, 1960-1961.

GIBBONS, HELEN, National Society for the Prevention of Blindness, Inc., 1790 Broadway, New York 19, N. Y.
Residence Committee, 1959-1961.

GIBSON, C. D., California State Dept. of Education, 721 Capitol Ave., Sacramento, Calif.
Daylighting Committee, 1959-1961.

GILBERT, P. O., Central Power & Light Co., Box 327, Victoria, Texas.
Chairman, Coastal Bend Chapter, 1960-1961.

GILL, GEORGE H., Century Lighting, Inc., 1477 N.E. 129th St., N. Miami, Fla.
Chairman, Southeast Florida Section, 1960-1961.

GILLEARD, GEORGE, Curtis-AllBrite Lighting, Inc., 6135 W. 65th St., Chicago 38, Ill.
IES-SPI-NEMA Subcommittee of the Committee on Light Control and Equipment Design, 1959-1961; Chairman, Dining Areas Subcommittee of the Institutions Committee, 1959-1960.

GILLEN, G. J., Consolidated Edison Co., 4 Irving Place, New York 3, N. Y.
Task Committee to study Lighting Service Committee, 1959-1961; Sustaining Membership Committee, 1959-1960.

GLASS, C. J., U. S. Coast Guard Headquarters, 1300 E St. N.W., Washington 25, D. C.
Searchlight Committee, 1959-1961.

GLASS, G. K., The Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Roadway Committee, 1959-1961; Subcommittee on Interchange with Foreign Groups of the Roadway Committee, 1960-1961; Parking Area Subcommittee of the Roadway Committee, 1959-1961.

GLASS, ROBERT B., Dept., of Transport, Room B120, Ottawa, Ont.
Secretary, Ottawa Section, 1960-1961.

GLEASON, NEIL A., Georgia Power Co., Valdosta, Ga.
Chairman, Suwannee River Chapter, 1959-1960.

GLICK, HERBERT S., Eastman Kodak Co., Kodak Park, Rochester, N. Y.
Chairman, Rochester Section, 1959-1960.

GODEMANN, ROBERT W., Arizona Public Service Co., P.O. Box 2591, Phoenix, Ariz.
Chairman, Arizona Section, 1959-1960.

GOLDFARB, S. R., Wright Air Development Center, Wright-Patterson Air Force Base, Dayton, Ohio.
Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

GOLDSMITH, O. B., Westinghouse Electric Corp., Bloomfield, N. J.
Papers Committee, 1959-1961.

GOODALL, KATHERINE, Philadelphia Electric Co., 211 S. Broad St., Philadelphia, Pa.
Residence Lighting Forums, 1959-1960.

GOODMAN, BENJAMIN, National Electric Lighting, 4406 Georgia Ave., N.W., Washington, D. C.
Residence Committee, 1959-1961; Residence Lighting Forums, 1959-1960.

GOODMAN, D. L., Pacific Gas & Electric Co., 345 E. Channel St., Stockton 2, Calif.
Secretary, Mother Lode Chapter, 1960-1961.

GOODMAN, R. H., Crouse-Hinds Co., Wolf & 7th North Sts. Syracuse 1, N. Y.
Ground Service Area Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

GORNET, JOHN, Day-Brite Lighting Inc., 5411 Bulwer Ave., St. Louis 7, Mo.
Progress Committee, 1959-1961.

GOULD, JOHN C., Niagara Mohawk Power Corp., Broadway, Saratoga, N. Y.
Chairman, Eastern New York Section, 1960-1961.

GOW, ROBERT B., Oklahoma Gas & Electric Co., 321 N. Harney St., Oklahoma City 1, Okla.
Chairman, Central Oklahoma Chapter, 1959-1960.

GRAHAM, W. P., Philadelphia Electric Co., 211 S. Broad St., Philadelphia, Pa.
Chairman, Task Committee to Study Lighting Service Committee, 1959-1961; Chairman, Philadelphia Section, 1959-1960.

GRAY, S. M., Sylvania Electric Products Inc., 126 Washington St., Salem, Mass.
Subcommittee on Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, of the Testing Procedures Committee, 1959-1960.

GREEN, CARL, Carl Green & Associates, 1542 S. St. Francis, Wichita 11, Kans.
Chairman, Central Kansas Chapter, 1959-1960.

GREENE, B. F., 100 West 42nd St., New York 36, N. Y.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

GREENLEE, P. H., Grimes Mfg. Co., 515 N. Russell St., Urbana, Ohio.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittees on Aircraft Lighting and Aircraft Exterior Lighting of the Aviation and Signal Committee, 1959-1960.

GREENWOOD, WALTER S., Public Service Electric & Gas Co., 80 Park Place, Newark 1, N. J.
Tellers Committee, 1959-1960.

GREPPIN, E. H., 451 Gabarda Way, Menlo Park, Calif.
Hospitals Subcommittee of the Institutions Committee, 1959-1960.

GRIER, GLENN A., Dayton Power & Light Co., 25 N. Main St., Dayton, Ohio.
Chairman, Miami Valley Section, 1959-1960.

GRIFFIN, N. L. Dept. of Health, Education & Welfare, Public Health Service, Div. of Hospitals & Medical Facilities, Washington 25, D. C.
Chairman, Hospitals Subcommittee of the Institutions Committee, 1959-1961.

GRIFFITH, J. W., Southern Methodist University, Box 166, S.M.U., Dallas 22, Texas.
Chairman, Daylighting Committee, 1959-1961; Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; Papers Committee, 1959-1961; Official Representative, ASA Committee A53, 1959-1961; School Committee, 1959-1960.

GRUBER, HAROLD J., Cincinnati Gas & Electric Co., 4th & Main Sts., Cincinnati 2, Ohio.
Chairman, Ohio Valley Section 1960-1961; Secretary, 1959-1960.

GUNDERSON, THEODORE A., Superior Water, Light & Power Co., 1230 Tower Ave., Superior, Wis.
Chairman, Twin Ports Chapter, 1959-1960.

GUSTIN, D. S., Sylvania Electric Products Inc., 655 So. Willow St., Manchester, N. H.
Light Sources Committee, 1959-1961; Searchlight Committee, 1959-1961.

GUTH, S. K., General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Nomenclature Committee, 1959-1961; Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; Official Representative, American Association for the Advancement of Science, Governing Board, 1959-1961.

H

HADZOR, ROBERT, Trans-World Airlines, Hangar 5, N. Y. International Airport, N. Y.
Aircraft Interior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HALL, THOMAS L., Hallco Lighting Mfg. Co., 925 Gaiennie St., New Orleans 12, La.
Secretary, New Orleans Section, 1960-1961.

HALLEK, JAMES J., 4204 Palo Duko, N.E., Albuquerque, N. M.
Secretary, New Mexico Chapter, 1959-1960.

HALLIBURTON, S. G., Westinghouse Electric Supply, 110 N. Staples, Corpus Christi, Texas.
Secretary, Coastal Bend Chapter, 1960-1961.

HALVORSON, C. A. B., 25 Chestnut St., Salem, Mass.
Roadway Committee, 1959-1961; Standard Practice Subcommittee of the Roadway Committee, 1959-1961; Historical Committee, 1959-1960.

HAMEL, J. P., School Building Service, State Department of Education, State Office Bldg., Richmond, Va.
School Committee, 1959-1960.

HAMEL, J. S., J. S. Hamel Engineering Inc., 234 South Buena Vista Street, Burbank, Calif.
Director, 1959-1961; Secretary, Southern California Section, 1960-1961; Papers Committee, 1959-1961; Light Control and Equipment Design Committee, 1959-1961; Task Committee on U.E.C. Fund Raising, 1959-1960.

HAMPSEY, A. R. JR., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
Task Committee for U.E.C. Fund Raising, 1959-1960.

HAMPTON, JAMES D., Oklahoma Gas & Electric Co., 321 N. Harvey, Oklahoma City 1, Okla.
Chairman, Central Oklahoma Chapter, 1960-1961.

HAMSHER, RICHARD C., Pennsylvania Power & Light Co., 9th & Hamilton Sts., Allentown, Pa.
Chairman, Eastern Pennsylvania Section, 1960-1961.

HANES, R. M., The Johns Hopkins University, Applied Physics Lab., 8621 Georgia Ave., Silver Spring, Md.
Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

HANEY, J. S., Crouse-Hinds Co., 1201 Wolf St., Syracuse 1, N. Y.
Aviation Committee, 1960-1961; Searchlight Committee, 1959-1961; Ground Lighting Subcommittee and Ground Heliport Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HANKINS, M. A., Mole-Richardson Co., 937 N. Sycamore Ave., Hollywood 38, Calif.
Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

HANLEY, ALLEN J., 430 Montarville Longueuil, Montreal 23, Que.
Chairman, Montreal Section, 1960-1961.

HARDESTY, G. K. C., U. S. Navy Engineering Experiment Station, Annapolis, Md.
Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

HARDING, W. T., Box 5, Route 3, Fort Meyers, Fla.
Aviation Committee, 1960-1961; Aircraft Lamps (Small) Subcommittee of the Aviation and Signal Committee, 1959-1960.

HARGIS, J. I., Day-Brite Lighting Inc., P.O. Box 349, Bloomfield, N. J.
Secretary, New Jersey Section, 1959-1960.

HARKONEN, WESLEY S., Collins Electrical Construction Co. 1924 W. Superior St., Duluth 2, Minn.
Chairman, Twin Ports Chapter, 1960-1961.

HARNEY, JOHN M., Smith Electric Co., Inc., 110 Remsen St., Cohoes, N. Y.
Chairman, Eastern New York Section, 1959-1960.

HARPER, CLAIR C., 96 Robin Hill Road, Meriden, Conn.
Secretary, Connecticut Section, 1960-1961.

HARRELL, JAMES R., Tafel Electric & Supply Co., 401 6th Ave. S., Nashville, Tenn.
Chairman, Tennessee Valley Section, 1959-1960.

HARRIS, ELTON, Sacramento Municipal Utility Dist., P.O. Box 2391, Sacramento 11, Calif.
Chairman, Mother Lode Chapter, 1960-1961.

HARRISON, WARD, 23475 Stanford Rd., Cleveland 22, Ohio.
Task Committee for Feasibility of Design Certification, 1960-1961; Committee on Design Practice, 1959-1960.

HARSH, M. C., Line Material Industries, 700 W. Michigan St., Milwaukee, Wis.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.

HART, A. L., General Electric Co., Nela Park, Cleveland 12, Ohio.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.
Sign Lighting Committee, 1959-1960.

HARTENSTEIN, R. F., Ohio Edison Co., Akron, Ohio.
Committee on Constitution and Procedures, 1959-1961.

HARTMANN, BENN J., Flood-Lite Service, 212 Silverlake Blvd., Los Angeles 4, Calif.
Chairman, Southern California Section, 1959-1960.

HARTWIG, KARL O., Graybar Electric Co., 180 No. Jefferson St., Milwaukee 2, Wis.
Secretary, Milwaukee Section, 1960-1961.

HARTZ, RUSSELL D., Dept. of the Navy, Washington 25, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Seadrome Subcommittee of the Aviation and Signal Committee, 1959-1960; Ground Lighting Subcommittee and Ground Heliport Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HARZ, RICHARD E., Sylvania Electric Products Inc., One 48th St., Wheeling, W. Va.
Public Relations and Information Committee, 1960-1961; Industrial Committee, 1959-1961; Progress Committee, 1959-1961.

HASELSTEINER, KARL, 3884 Dundas St., Vancouver 3, B. C.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1960-1961.

HASTINGS, MILTON B., Powerlite Devices Ltd., 54 Atomic Avenue, Toronto 18, Ont.
Medal Award Committee, 1959-1961; Program and Publicity Subcommittee of the Roadway Committee, 1959-1961; Task Committee on U.E.C. Fund Raising, 1959-1960.

HASWELL, T. KING JR., 141 Birch Grove Drive, Pittsfield, Mass.
Secretary, Yankee Section, 1960-1961.

HATCH, ARTHUR, The Strong Electric Corp., 87 City Park Ave., Toledo, Ohio.
Searchlight Committee, 1959-1961; Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

HAWES, R. S. III, K-S-H Plastics Inc., Highway 30, High Ridge, Mo.
Secretary, Light Control and Equipment Design Committee, 1959-1961; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

HAWKINS, W. E., Atlantic City Electric Co., 1600 Pacific Ave., Atlantic City, N. J.
Chairman, Photographic Studies Subcommittee of the Roadway Committee, 1959-1961; Roadway Committee, 1959-1961.

HAWLEY WILLIAM, L., Powerlite Devices Limited, 54 Atomic Avenue, Toronto 18, Ont.
Roadway Committee, 1960-1961.

HAYDEN, FRANK P., Westinghouse Electric Corp., 119 Ann St., Hartford, Conn.
Chairman, Yankee Section, 1959-1961.

HAYNES, HOWARD, American Sterilizer Co., Erie, Pa.
Hospitals Subcommittee of the Institutions Committee, 1960-1961.

HAZZARD, M. R., Hazzard, McRay & Cone, 3015 6th Ave., S., Birmingham 5, Ala.
Chairman, Alabama Section, 1959-1960.

HEARN, C. A., U. S. Army Artillery Board, Fort Sill, Okla.
Searchlight Committee, 1959-1960.

HECKMANN, L. F., Union Metal Mfg. Co., 143 Maple Ave. N.E. Canton, Ohio.
Vice-Chairman, Roadway Committee, 1959-1961; National Technical Conference Committee, 1960-1961.

HEDRICH, WALTER A., University of Michigan, Ann Arbor, Mich.
Secretary, Michigan Section, 1959-1961; Allied Arts Committee, 1960-1961; Education Committee, 1959-1961; Subcommittee on Science Textbook Review of the Education Committee, 1959-1961.

HEINE, T. H., Westinghouse Electric Corp. Bloomfield, N. J.
Subcommittee on Guide for Method of Measurement of Fluorescent Lamp Starting, of the Testing Procedures Committee, 1959-1960.

HEINE-GELDERN, R., Engelhard Hanovia Inc., Hanovia Lamp Division, 100 Chestnut St., Newark 5, N. J.
Searchlight Committee, 1959-1961; Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

HEMELT, B., Visual Air Navigation Facilities, Headquarters USAF, Washington 25, D. C.
Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee, 1960-1961.

HEMS, W. J., Canadian General Electric Co., 105 Brent Bldg., Regina, Sask.
Secretary, Golden West Chapter, 1959-1960.

HENDERSON, R. L., General Electric Co., Nela Park, Cleveland 12, Ohio.
Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

HENGES, W. E., Graybar Electric Co., 420 Lexington Ave. New York, N. Y.
Fund Subcommittee of the Sustaining Membership Committee, 1960-1961.

HENSCHEL, A. W., Shore & Moffat, Architects, 51 Wellington St. W., Toronto 1, Ont.
Chairman, Toronto Section, 1960-1961.

HERBERT, J. S., Blue Ridge Glass Corp., Kingsport, Tenn.
Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

HERN, CHARLES A., Army Field Forces Board No. 1, Fort Sill, Okla.
Searchlight Committee, 1959-1961.

HERNER, R. C., C. A. A., Technical Development Center, Indianapolis, Ind.
Ground Runway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HEROUX, CLEMENT, Quebec Power Co., 399 St. Joseph St. E., Quebec, Que.
Secretary, Quebec Chapter, 1959-1960.

HERRICK, PHILIP R., General Electric Co., Nela Park, Cleveland 12, Ohio.
Study Project "B" Subcommittee of the Testing Procedures Committee, 1959-1960.

HEYER, E. B., Heyer-Schultz, Inc., Cedar Grove, N. J.
Searchlight Committee, 1959-1961; Optics Subcommittee of the Searchlight Committee, 1959-1960.

HIBBEN, S. G., 51 Clinton Ave., Montclair, N. J.
Historical Committee, 1959-1960.

HIBBERT, RAYMOND, Polycast Corp., 69 Southfield Ave., Stamford, Conn.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

HIGGS, MAX L., T. Eaton Company, Ltd., Moncton, N. B.
Chairman, Northumberland Chapter, 1959-1961.

HIGGINS, HOWARD, New York Airways, Box 426, Airport Station, Flushing 71, N. Y.
Ground Heliport Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HILDEBRAND, P. H., Pennsylvania Power & Light Co., 9th & Hamilton Sts., Allentown, Pa.
Education Committee, 1959-1961; Subcommittee on Science Textbook Review of the Education Committee, 1959-1961.

HILL, W. G., Voltarc Tubes, Inc., 44 Cross St. Norwalk, Conn.
Testing Procedures Committee, 1959-1961; Subcommittees on: Guide for Method of Measurement of Fluorescent Lamp Starting; Guide for Electrical & Photometric Measurements of Fluorescent Lamps; Practical Guide to Photometry and Guide for Life Performance Testing of Fluorescent Lamps of the Testing Procedures Committee, 1959-1960.

HODGES, J. A., James A. Hodges Co., 4 W. Manilla Ave. Greentree, Pittsburgh, Pa.
1960 Conference Executive Committee, 1959-1960.

HOFFMAN, HERBERT, Condi-Lite Corp., 889 Broadway New York 3, N. Y.
Merchandising Committee, 1959-1961.

HOFFMAN, J. G., Hoffman Engineering Corp., 183 R Sound Beach Ave., Old Greenwich, Conn.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

HOLDEN, C. M., Champion Lamp Works, 330 Lynnway, Lynn, Mass.
Chairman, Maintenance Committee, 1959-1960.

HOLZ, R. T., B. F. Goodrich Chemical Co., 3135 Euclid Ave., Cleveland 15, Ohio.
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1961.

HOOD, PAUL, Eggleston & Son, 255 Gradolph, Toledo 12, Ohio.
Chairman, Northwestern Ohio Section, 1960-1961.

HOOD, C. D., Memphis Light, Gas & Water Division, 170 Madison Ave., Memphis, Tenn.
Secretary, Mid-South Chapter, 1960-1961; Chairman, 1959-1960.

HOOT, R M., Philadelphia Electric Co., 211 So. Broad St., Philadelphia 5, Pa.
Roadway Committee, 1959-1961; Photographic Subcommittee and Program and Publicity Subcommittee of the Roadway Committee, 1959-1961.

HORN, H. W., Boeing Airplane Co., Wichita, Kans.
Education Committee, 1959-1961; Committee on Design Practice, 1959-1960.

HORNFECK, LAWRENCE W., 711 Penn Ave. Bldg., Pittsburgh 22, Pa.
Secretary, Pittsburgh Section, 1960-1961; Aviation Committee, 1960-1961; Chairman, Taxiway Lighting Subcommittee of the Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HORNIG, FRED, Sierra Electric Company, 4731 E. Belmont, Fresno 2, Calif.
Secretary, Yosemite Chapter, 1960-1961.

HORTON, G. A., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Testing Procedures Committee, 1959-1961; Chairman, Subcommittees on: Guide for Photometric Testing of Fluorescent Luminaires; Guide for Use of Photoelectric Portable Photometers (1937); Study Project "A" of the Testing Procedures Committee, 1959-1960; Subcommittees on: Practical Guide for Brightness Measurements; Practical Guide to Photometry; Guide for Interpretation of Test Data and Results; Guide for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires; and Guide for Photometric Testing of Floodlights of 10-160° Total Beam Spread (1950) of the Testing Procedures Committee, 1959-1960.

HOUSTON, WALTER H., Interlectric Division, El-Tronics, Inc., 1401 Lexington Ave., Warren, Pa.
Light Sources Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Subcommittees on: Guide for Electrical & Photometric Measurements of Fluorescent Lamps; Guide for Life Performance Testing of Fluorescent Lamps; Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps; Guide for Method of Measurement of Fluorescent Lamp Starting; Practical Guide to Colorimetry of Light Sources and Study Project "B" of the Testing Procedures Committee, 1959-1960.

HOVIND, R. B., Caterpillar Tractor Co., Peoria, Ill.
Chairman, Central Illinois Chapter, 1960-1961.

HOWARD, B. D., City Light & Power Co., 1734 Dewdney, Regina, Sask.
Secretary, Golden West Chapter, 1960-1961.

HOWARD, GEORGE T., 101 Jones Bldg., Seattle, Wash.
Theatre-Television Committee, 1959-1960.

HOWARD, JOSEPH H. General Electric Co., 3620 Lexington Ave., Louisville, Ky.
Secretary, Kentuckiana Chapter, 1959-1961.

HOWELL, W. D., CAA-TDX, Box 5767, Indianapolis, Ind.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

HOWIE, GEORGE W., City of Cincinnati, Public Utilities & Traffic, 417 Lincoln Park Drive, Cincinnati 3, Ohio.
Roadway Committee, 1959-1961; Roadway Lighting Principles Subcommittee of the Roadway Committee, 1959-1961; Traffic Sign Lighting Subcommittee of the Roadway Committee, 1959-1960.

HOXIE, JOHN P., Corning Glass Works, Corning, N. Y.
Recording Secretary (Program Coordinator), Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittee on Visibility Under Fog Conditions of the Roadway Committee, 1959-1961; Secretary, Ground Lighting Subcommittee of the Aviation Committee, 1959-1960; Subcommittees on Aircraft Lighting and Ground Bibliography of the Aviation and Signal Committee, 1959-1960.

HRIVNATZ, HARRY G., Houston Lighting & Power Co., P.O. Box 1700, Houston, Texas.
Roadway Committee, 1959-1961; Subcommittee on General Light Sources of the Roadway Committee, 1959-1961.

HUCKINS, W. A. JR., 1520 Laird Ave., Salt Lake City, Utah.
Chairman, Utah Section 1960-1961.

HUDDLESTON, J. M., Frey Huddleston & Associates, 1010 Creswell, Sheveport, La.
Secretary, Ark-La-Tex Chapter, 1960-1961.

HUERKAMP, E. C., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Sustaining Membership Committee, 1959-1961.

HULL, J. H., Day-Brite Lighting Inc., 19300 47th St., Des Moines 11, Iowa.
Task Committee on UEC Fund Raising, 1959-1960.

HULKE, WARREN, Soderberg Mfg. Co., Inc., 628 So. Palm Ave., Alhambra, Calif.
Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

HULTGREN, R. C., Celine Inc., North Island Ave. Batavia, Ill.
School Committee, 1959-1960.

I

ILLING, I. L., 1754 Rocky Point Rd., Pewaukee, Wis.
Task Committee on U.E.C. Fund Raising, 1959-1960.

IRWIN, ELMO E., Lighting Service Inc., 4459 Olive St., St. Louis 8, Mo.
Maintenance Committee, 1959-1960.

J

JACKSON, ROY O., Oklahoma Gas & Electric Co., 321 N. Harvey, Oklahoma City 1, Okla.
Secretary, Central Oklahoma Chapter, 1960-1961.

JAEGER, A. R., Corning Glass Works, Corning, N. Y.
Progress Committee, 1959-1961; Publications Committee, 1960-1961.

JAMES, HUGH, Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
Progress Committee, 1959-1961.

JAMES, L. V., 9 Forest Lane, Scarsdale, N. Y.
Institutions Committee, 1959-1961; School Committee, 1959-1960.

JARRETT, CHESTER, Portland, General Electric Co., 621 S.W. Alder St., Portland, Ore.
School Committee, 1959-1960.

JENSEN, BRUCE J., Public Service Electric and Gas Co., 80 Park Place, Newark, N. J.
Chairman, Board of Fellows, 1960-1961; Member, 1959-1960; Handbook Committee, 1959-1961; Task Committee on Study of Lighting Service Committee, 1959-1961.

JENSEN, CARL F., Westinghouse Electric Corp., Bloomfield, N. J.
Aircraft Interior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

JENSEN, DALE R., International Business Machines, Monterey & Cottle Rd., San Jose, Calif.
Secretary, San Jose Chapter, 1959-1960.

JENSEN, E. A., United Airlines, International Airport, San Francisco, Calif.
Aircraft Exterior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

JENSEN, W. A., Airport Transport Association of America, 1000 Connecticut Ave. N.W., Washington, D. C.
Aviation Committee, 1960-1961; Subcommittees on: Ground Runway Lighting; Ground Lighting; Ground Service Area Lighting and Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

JEROME, C. W., Sylvania Lighting Products Inc., 60 Boston St., Salem, Mass.
Inter-Society Color Council, 1959-1961; Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

JOHANSEN, NIELS, Ariel Davis Mfg. Co. Ltd., 3646 Manchester Road, Calgary, Alta.
Secretary, Chinook Chapter, 1959-1960.

JOHANNSEN, COURT, Frank E. Brown Co. Inc., P.O. Box 93, East Windsor Hill, Conn.
Secretary, Housatonic Chapter, 1960-1961.

JOHNSON, CARL, Controlescent Lighting Corp., 39 Alexander Ave., Upper Montclair, N. J.
Aviation Committee, 1960-1961.

JOHNSON, JOHN, Engineer Research & Development Laboratories, Ft. Belvoir, Va.
Visibility of Targets and Sources Subcommittee of the Searchlight Committee, 1959-1960.

JOHNSON, L. M., City of Chicago, Room 707, City Hall, Chicago, Ill.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

JOHNSON, L. T., Public Service Electric & Gas Co., 80 Park Place, Newark, N. J.
Papers Committee, 1959-1961; Data Sheet Subcommittee of the Publications Committee, 1959-1960.

JOHNSON, W. H., Westinghouse Electric Corp., 411 N. 7th St., St. Louis 1, Mo.
School Committee, 1959-1960; Office Committee, 1959-1960.

JOHNSTON, ARTHUR A., Westinghouse Electric Supply Co., 330 S. First Ave. E., Duluth, Minn.
Chairman, Twin Ports Chapter, 1960-1961; Secretary, 1959-1960.

JOHNSTON, GEORGE F., General Electric Co., Outdoor Lighting Department, Hendersonville, N. C.
Searchlight Committee, 1959-1961; Ground Lighting Subcommittee and Ground Service Area Subcommittee of the Aviation and Signal Committee, 1959-1960.

JOHNSTON, STANLEY D., Lighting & Maintenance Co., 1220 Central, S.E., Albuquerque, N. M.
Chairman, New Mexico Chapter, 1960-1961.

JONES, BESS, Farrey's Wholesale Hardware Co., 7225 N.W. 7th Ave., Miami, Fla.
Secretary, Southeast Florida Section, 1959-1961.

JONES, BILL F., Smoot-Holman Co., Box 4097, Inglewood, Calif.
Testing Procedures Committee, 1959-1961; Subcommittee on Practical Guide for Brightness Measurements and Subcommittee on Practical Guide to Photometry of the Testing Procedures Committee, 1959-1960.

JONES, H. R., West Penn Power Co., Cabin Hill, Greensburg, Pa.
Vice-Chairman, 1960 Conference Executive Committee, 1959-1960.

JONES, WILLIAM E., Nashville Electric Service, 1214 Church St., Nashville, Tenn.
Secretary, Tennessee Valley Section, 1959-1961.

JUDD, D. B., National Bureau of Standards, Washington 25, D. C.
Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

JUNG, RICHARD C., General Electric Co., 4219 Richmond Ave., Houston 27, Texas.
Chairman, San Jacinto Section, 1959-1960.

K

KAHLER, W. H., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 2, Ohio.
Chairman, Merchandising Committee, 1959-1961; Vice-Chairman, Committee on Recommendations for Quality and Quantity of Illumination, 1960-1961, Member, 1959-1960; Industrial Committee, 1959-1961; Official Representative, ASA Committees Z53 and Z55, 1959-1961; Recommended Practice Subcommittee of the Industrial Committee, 1959-1961; Sign Lighting Committee, 1959-1960.

KAISER, ROBERT, American Concrete Corp., 5092 N. Kimberly Ave., Chicago 30, Ill.
Roadway Committee, 1959-1961; Program and Publicity Subcommittee of the Roadway Committee, 1959-1961.

KARNS, E. B., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 2, Ohio.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Service Area Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

KECK, M. E., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 2, Ohio.
Aviation Committee, 1960-1961; Roadway Committee, 1959-1961; Chairman, Subcommittee on Parking Areas of the Roadway Committee, 1959-1961; Subcommittees on: Visibility Under Fog Conditions; Tunnels and Underpass Lighting; Standard Practice; Roadway Lighting Principles; Research and High Speed, Density Highways of the Roadway Committee, 1959-1961.

KEEN, WILLIAM H., General Electric Co., 570 Lexington Ave., New York 22, N. Y.
Chairman, New York Section, 1959-1960.

KEESE, CHARLES J., Texas Transportation Institute, Texas A & M College, College Station, Texas.
Roadway Committee, 1959-1961; Research Subcommittee of the Roadway Committee, 1959-1961.

KELLER, C. C., Holophane Company Inc., 342 Madison Ave., New York 17, N. Y.
Committee on Constitution and Procedures, 1959-1961; Task Committee on U.E.C. Fund Raising, 1959-1960.

KELLY, EVERETT F., Champion Lamp Works, 330 Lynnway, Lynn, Mass.
Light Sources Committee, 1959-1961.

KELLY, RICHARD, 270 Park Ave., New York, N. Y.
Merchandising Committee, 1959-1961.

KELLY, THOMAS S., 115 E. 60th St., New York 22, N. Y.
Official Representative ASA Committee C78, 1959-1960.

KEMMENDO, J. J., Naturalite, Inc., 5115 East Grand Ave., Dallas 23, Texas.
Daylighting Committee, 1959-1961.

KEMPF, VERNON T., *Plant Engineering* Magazine, 308 East James St., Barrington, Ill.
Public Relations and Information Committee, 1960-1961; Data Sheet Subcommittee of the Publications Committee, 1959-1961.

KENDALL, R. C., Kimble Glass Co., P.O. Box 711, Muncie, Ind.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

KENNEDY, G. J., Day-Brite Lighting Inc., 122 East 42nd St., Room 1120, New York 17, N. Y.
Task Committee to Study Lighting Service Committee, 1959-1961.

KEVERN, G. M., USAF, Wright Air Development Center, Wright-Patterson AF Base, Ohio.
Aviation Committee, 1960-1961; Ground Approach Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

KEYES, M. W., Pittsburgh Plate Glass Co., Fiber Glass Division, Pittsburgh, Pa.
Daylighting Committee, 1960-1961.

KIGHT, L. T., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
Allied Arts Committee, 1959-1961.

KILGOUR, THOMAS R., Chrysler Corporation, 12800 Oakland Ave., Detroit, Mich.
Motor Vehicle (Exterior) Committee, 1959-1961.

KILPATRICK, J. L., Litecraft Mfg. Corp., 100 Dayton Ave., Passaic, N. J.
Office Committee, 1960-1961; School Committee, 1959-1960.

KIMERY, WILLIAM T., Dallas Power & Light Co., 1506 Commerce, Dallas 1, Texas.
Secretary, North Texas Section, 1959-1961.

KINDEL, L. H., Central Power & Light Co., 120 No. Chaparral, Corpus Christi, Texas.
Chairman, Coastal Bend Chapter, 1959-1960.

KING, PAUL E., Automatic Switch Co., Florham Park, N. J.
Recommended Practice Subcommittee of the Industrial Committee, 1959-1961.

KINGSBURY, H. F., Pittsburgh Corning Corp., P.O. Box 39, Port Allegany, Pa.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

KINGSLEY, L. J., Crescent Electric Supply Co., 313 S.W. 5th St., Des Moines 9, Ia.
Chairman, Iowa Section, 1960-1961; Secretary, 1959-1960.

KINNEY, E. F., Outdoor Advertising Association of America Inc., 24 W. Erie St., Chicago 10, Ill.
Sign Lighting Committee, 1959-1960.

KLAUS, WILLIAM J., Crouse-Hinds Co., 820 E. 6th St., Tulsa, Okla.
Secretary, Oil Capital Section, 1960-1961.

KLIEGL, HERBERT A., Kliegl Bros. Universal Stage Lighting Co. Inc., 321 W. 50th St., New York 19, N. Y.
Official Representative, Society of Motion Picture and Television Engineers, 1959-1961; Theatre-Television Committee, 1959-1960.

KLUMB, EDWIN C., City of Milwaukee, 841 No. Broadway, Milwaukee 2, Wis.
Roadway Committee, 1960-1961.

KLYCE, W. H., 3602 Gardenia Drive, Tampa 9, Fla.
Secretary, Florida Section, 1960-1961.

KNIGHT, ROSS A., Airport Operators Council, Inc., 1700 "K" St. N.W., Washington 6, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961.

KNOERR, CLARENCE A., Knoerr & Fischer, Inc., 1015 N. Milwaukee St., Milwaukee, Wis.
Secretary, Milwaukee Section, 1959-1960.

KOCH, EMMA A., West Penn Power Co., Cabin Hill, Greensburg, Pa.
Residence Lighting Forums, 1959-1960.

KOECHEL, ANTHONY J., Corning Glass Works, 717 Fifth Ave., New York 22, N. Y.
Data Sheet Subcommittee of the Publications Committee, 1959-1960.

KOGA, ALBERT M., Hub Electric Co. Inc., 2255 West Grand Ave., Chicago 12, Ill.
Theatre Group of the Theatre-Television Committee, 1960-1961.

KOLB, W. S., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 2, Ohio.
Progress Committee, 1959-1961.

KOMOR, LEONARD A., Sylvania Electric Products Inc., 1811 Adrian Road, Burlingame, Calif.
Chairman, Diablo Section, 1960-1961.

KONECZNY, EDWARD, Safety Regulations Div., Bureau of Flight Standards, Federal Aviation Agency, Washington 25, D. C.
Aviation Committee 1960-1961.

KOOKER, E. M., General Electric Co., Nela Park, Cleveland 12, Ohio.
Subcommittees on: Guide for Electrical & Photometric Measurements of Fluorescent Lamps; Life Performance Testing of Fluorescent Lamps and Guide for Method of Measurement of Fluorescent Lamp Starting, of the Testing Procedures Committee, 1959-1960.

KORBEL, HAROLD, Naval Material Laboratory, N. Y. Naval Shipyard, Brooklyn 1, N. Y.
Searchlight Committee, 1959-1961; Subcommittee on Light Sources and Nomenclature Subcommittee of the Searchlight Committee, 1959-1960.

KORTEN, G. E., Consumers Power Co., 212 W. Michigan Ave., Jackson, Mich.
Roadway Committee, 1959-1961; Chairman, Handbook Subcommittee of the Roadway Committee, 1959-1961; Standard Practice Subcommittee and Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

KOTH, HARRY E., General Electric Co., Nela Park, Cleveland 12, Ohio.
Subcommittee on Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps of the Testing Procedures Committee, 1959-1960; Subcommittee on Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, 1959-1960.

KOVEN, A. L., The Beryllium Corp., Hazleton, Pa.
Joint Lighting Survey (I.E.S.—U. S. Public Health Service) Committee, 1959-1961.

KRAEHENBUEHL, J. O., Colorado College, Colorado Springs, Colo.
Nomenclature Committee, 1959-1961.

KRAHENBUHL, PAT, Canterbury Electric Co., 1015 7th Ave. S., Birmingham 5, Ala.
Secretary, Alabama Section, 1960-1961.

KRAUSE, NORMAN L., Sach's Electric Co., 5540 W. Park, St. Louis 10, Mo.
Secretary, St. Louis Section, 1959-1960.

KRAWCEK, A. E., Crouse-Hinds Co., Wolf and 7th Sts. No., Syracuse 1, N. Y.
Testing Procedures Committee, 1959-1961; Subcommittees on: Guide for Interpretation of Test Data and Results; Guide for Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps; Guide for Photometry of Searchlights and Guide for Photometric Testing of Floodlights of 10-160° Total Beam Spread (1950) of the Testing Procedures Committee, 1959-1960.

KREYSER, ROY H., Dept. of Water & Power, City of Los Angeles, 311 S. Spring St., Los Angeles 13, Calif.
Vice-President, South Pacific Coast Region, 1960-1961; Regional Activities Committee, 1960-1961.

KRIDEL, NORMAN T., Rochester Gas and Electric Corp., 89 East Ave., Rochester 4, N. Y.
Industrial Committee, 1959-1961; Chairman, Clothing Subcommittee of the Industrial Committee, 1959-1960.

KUNTNER, RUDOLPH, Metropolitan Opera Association, 147 W. 39th St., New York, N. Y.
Theatre Group of the Theatre-Television Committee, 1960-1961; Theatre-Television Committee, 1959-1960.

L

LABROSSE, G. J., Electrolier Mfg. Co. Ltd., 5849 Boyer, Montreal, Que.
Secretary, St. Maurice Valley Chapter, 1959-1960.

LACAS, ALBERT E., Western Massachusetts Electric Co., 48 Eagle St., Pittsfield, Mass.
Secretary, Yankee Chapter, 1959-1960.

LAGO, FRANCIS, Socony Mobile Oil Co. Inc., 150 E. 42nd St., New York 17, N. Y.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.

LAKNESS, M. A., General Electric Co., Nela Park, Cleveland 12, Ohio.
Study Project "A" Subcommittee of the Testing Procedures Committee, 1959-1960.

LAM, W. M. C., Lam Inc., 414 Main St., Wakefield, Mass.
Allied Arts Committee, 1959-1961.

LAMBE, STANLEY S., 4230 E. Hubbell, Phoenix, Ariz.
Chairman, Arizona Section, 1960-1961.

LAMBOY, L. N., Niagara Mohawk Power Corp., 126 State St., Albany, N. Y.
Merchandising Committee, 1959-1961.

LAMSON, PAUL H., Wheeler-Fullerton Lighting Division, Hanson, Mass.
Secretary, Testing Procedures Committee, 1959-1961; Chairman, Subcommittee on Practical Guide for Brightness Measurements of the Committee on Testing Procedures, 1959-1960; Subcommittee on Guide for Photometric Testing of Fluorescent Luminaires of the Testing Procedures Committee, 1959-1960; Study Project "C" of the Testing Procedures Committee, 1959-1960.

LANDON, GRANT K., Oklahoma City Board of Education, 900 N. Klein, Oklahoma City, Okla.
Secretary, Central Oklahoma Chapter, 1959-1960.

LANDRIAULT, EMILE, 23 Mumford Road, Halifax, N.S.
Chairman, Bluenose Chapter, 1960-1961.

LANDRY, R. A., JR., Gulf States Utilities Co., P.O. Box 2951, Beaumont, Texas.
Roadway Committee, 1959-1961.

LANGDON, GEORGE, H. J. Langdon & Son, 508 Bastion St., Victoria, B. C.
Chairman, Vancouver Island Chapter, 1960-1961.

LATIL, J. P., Genarco Inc., 97-04 Sutphin Blvd., Jamaica 35, N. Y.
Searchlight Committee, 1959-1961; Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

LaTOUR, J. R. JR., Economy Electric Co., 538 West St., Daytona Beach, Fla.
Chairman, Central Florida Chapter, 1960-1961.

LAUER, HUNTER, Pacific Gas & Electric Co., 1625 Clay St., Oakland, Calif.
Secretary, Diablo Section, 1960-1961.

LAUPP, C. N., Wisconsin Electric Power Co., 231 W. Michigan St., Milwaukee, Wis.
Institutions Committee, 1959-1961; National Technical Conference Committee, 1959-1960; School Committee, 1959-1960.

LAVENDER, S. J., Tri-State Mill Supply Co., 224 Mulberry, Pine Bluff, Ark.
Secretary, Arkansas Chapter, 1959-1960.

LAVIGNE, BENOIT, 197 West Lane, Moncton, N. B.
Secretary, Northumberland Chapter, 1959-1961.

LAWTON, W.
Aircraft Lamps (Small) Subcommittee of the Aviation and Signal Committee, 1959-1960.

LEAHY, MICHAEL J., M. J. Leahy Co., 1089 Elmore Ave., Columbus 24, Ohio.
Chairman, Buckeye Chapter, 1960-1961; Secretary, 1959-1960.

LEBERKNIGHT, C. E., Kopp Glass, Inc., Swissvale, Pittsburgh, Pa.
Vice-Chairman, Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

LEFEBVRE, YVON H., Bogehold, Jensen & Lefebvre Consultants, Ltd., 514A Fifth Ave. S.W., Calgary, Alta.
Secretary, Chinook Chapter, 1960-1961.

LEIGHTON, KAYE, General Electric Co., Nela Park, Cleveland 12, Ohio.
Subcommittee on Revision of "Contemporary Lighting in Modern and Traditional Interiors" of the Residence Committee, 1959-1960.

LEINHARD, O. E., Engelhard Hanovia, Inc., Hanovia Lamp Division, 100 Chestnut St., Newark 5, N. J.
Light Sources Committee, 1959-1961.

LEISTER, T. H., Line Material Industries, 12th & Madison Avenues, So. Milwaukee, Wis.
Testing Procedures Committee, 1959-1961; Chairman, Subcommittee on Guide for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires; 1959-1960; Subcommittee on Guide for Electrical & Photometric Measurements of Fluorescent Lamps of the Testing Procedures Committee, 1959-1960; Subcommittees on Practical Guide to Photometry and Guide for Interpretation of Test Data and Results of the Testing Procedures Committee, 1959-1960.

LEMONS, T. M., Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Aviation Committee, 1960-1961.

LEVY, C., Century Lighting Inc., 521 W. 43rd St., New York, N. Y.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

LILAC, W.
Recommended Practice Subcommittee of the Industrial Committee, 1960-1961.

LINDSAY, R. P., Canadian Line Materials, 3595 St. Clair Ave. E., Toronto 13, Ont.
Chairman, Toronto Section, 1959-1960.

LINFORTH, E. M., 107 Green St., Hulmeville, Bucks County, Pa.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

LINSDAY, E. A., General Electric Co., Nela Park, Cleveland 12, Ohio.
Industrial Committee, 1959-1961; Recommended Practice Subcommittee of the Industrial Committee, 1959-1961; Progress Committee, 1959-1960.

LITTLE, W. F., 75 Dalton Rd., Yonkers, N. Y.
Nomenclature Committee, 1959-1961; Medal Award Committee, 1959-1961; Inter-Society Color Council, 1959-1961; Residence Committee, 1960-1961; Chairman, 1959-1960.

LIVELY, ROBERT M., American Electric Co., 803 Avenue J, Lubbock, Texas.
Chairman, South Plains Chapter, 1960-1961.

LLOYD, MORRIS, Niagara Mohawk Power Corp., Buffalo 3, N. Y.
Chairman, Joint Farm (IES-American Society of Agricultural Engineers) Committee, 1959-1961.

LOBAR, M. A., Cleveland Electric Illuminating Co., P.O. Box 5000, Cleveland 1, Ohio.
Roadway Committee, 1960-1961.

LOBDEL, HARRY R., Columbia Electric & Mfg. Co., P.O. Box 2180, Spokane, Wash.
Chairman, Inland Empire Chapter, 1959-1960.

LOGAN, H. L., Holophane Company, Inc., 342 Madison Ave., New York, N. Y.
Inter-Society Color Council, 1959-1961; Hospitals Subcommittee of the Institutions Committee, 1959-1961; Chairman, Historical Committee, 1959-1960; School Committee, 1959-1960.

LONG, CARL S. JR., Sylvania Electric Products, Inc., 601 Bailey Ave., Buffalo, N. Y.
Secretary, Western New York Section, 1960-1961.

LONG, HOWARD, 58 Georges Wood Rd., Brookmans Park, Hatfield, Herts, England.
Industrial Committee, 1959-1961; Sports and Recreational Areas Committee, 1959-1961; Maintenance Committee, 1959-1960.

LOUCKS, D. W., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
1960 Conference Executive Committee, 1959-1960.

LOWELL, WILLIAM P., JR., Sylvania Lighting Products, 60 Boston St., Salem, Mass.
Treasurer, 1959-1961; Council Executive Committee, 1959-1961; Trustee, IES Headquarters Retirement Pension Plan, 1959-1961; Ex-officio member, Finance Committee, 1959-1961; Official Representative, U. S. National Committee of CIE, 1959-1961; Advance Planning Committee, 1959-1960.

LUNDSTROM, ARTHUR H., Whitehead Electric Co., 210 14th St. N.W., Atlanta, Ga.
Secretary, Georgia Section, 1959-1960.

LURKIS, ALEXANDER, Department of Water Supply, Gas & Electricity, Municipal Building, New York 7, N. Y.
Roadway Committee, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

LUSK, R. R., Commonwealth Edison Co., 7601 S. Lawndale Ave., Chicago 29, Ill.
Chairman, Subcommittee on Revision of "Advanced Lighting Design Problems Course" of the Education Committee, 1959-1961.

LYON, WILLIAM J., American Electric Power Service Corp., 30 Church St., New York 8, N. Y.
Maintenance Committee, 1959-1960.

M

MACBETH, NORMAN, Macbeth Corp., P.O. Box 950, Newburgh, N. Y.
Chairman, Inter-Society Color Council, 1959-1961; Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

MacCONNELL, J. D., Stanford University, Stanford, Calif.
School Committee, 1959-1960.

MacDONALD, R. G., West Penn Power Co., Cabin Hill, Greensburg, Pa.
1960 Conference Executive Committee, 1959-1960.

MacDONALD, T. H., U. S. Weather Bureau, 24th & M Sts., N.W., Washington, D. C.
Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

MacDOUGALL, JOHN F., General Electric Co., 744 Broad St., Newark, N. J.
Chairman, New Jersey Section, 1959-1960.

MACHTINGER, EDWARD, Crouse-Hinds Co. of Canada, Ltd., 1160 Birchmount Rd., Scarborough, Ont.
Sports and Recreational Areas Committee, 1959-1961.

MacINTYRE, A. J., Hughes Aircraft Co., P.O. Box 27, Newport Beach, Calif.
Aircraft Interior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

MacRAE, FRED B., Edwin F. Guth Co., 6503 Tyne Ave., Cincinnati 13, Ohio.
Chairman, Ohio Valley Section, 1959-1960.

MACY, CHARLES W., Pacific Gas & Electric Co., 375 Mission St., San Francisco 6, Calif.
Office Committee, 1959-1961.

MADDEN R. DON, Southwestern Electric Power Co., 428 Travis, Shreveport, La.
Chairman, Ark-La-Tex Chapter, 1959-1960.

MADDOX, GEORGE V., Mobil Oil Co., P.O. Box 900, Dallas, Texas.
Subcommittee on Service Stations and Parking Areas of the Merchandising Committee, 1959-1960.

MAFFITT, JAMES Z., Iowa Power & Light Co., 823 Walnut, Des Moines 3, Ia.
Secretary, Iowa Section 1960-1961.

MAGDSICK, H. H., 15925 Van Aken Blvd., Cleveland 20, Ohio.
Medal Award Committee, 1959-1960.

MAIZE, G. H., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
1960 Conference Executive Committee, 1959-1960.

MAJAR, FRANK G., Farm Equipment Research and Engineering Center, 7 South 600 County Line Rd., Hinsdale, Ill.
Motor Vehicle (Exterior) Committee, 1960-1961.

MANGOLD, WILLIS, General Electric Co., 710 N. 12th St., St. Louis 1, Mo.
Chairman, St. Louis Section, 1959-1960.

MANSELL, T. NORMAN, Mansell, McGettigan, Fugate & Rapp, Architects, 1831 Chestnut St., Philadelphia 3, Pa.
Subcommittee on Churches of the Institutions Committee, 1959-1961.

MARKS, GERALD, Illinois Lighting Association, 53 W. Jackson Blvd., Chicago 4, Ill.
Subcommittee on Revision of "Advanced Lighting Design Problems Course" of the Committee on Education, 1959-1961.

MARQUARDT, J. W., 908 S. 23rd St., Springfield, Ill.
Chairman, Illini Chapter, 1960-1961.

MARRIETT, F. J., Benjamin Division, Thomas Industries, Inc., Des Plaines, Ill.
Residence Committee, 1959-1961; Progress Committee, 1959-1960.

MARSH, B.
Motor Vehicle Committee, 1959-1960.

MARSH, CHARLES R., Pennsylvania State University, University Park, Pa.
Motor Vehicle (Exterior) Committee, 1959-1961; Subcommittee on Visibility under Fog Conditions of the Roadway Committee, 1959-1961.

MARXHEIMER, R. B., San Francisco State College, 1600 Holloway Ave., San Francisco 27, Calif.
Roadway Committee, 1959-1961; Subcommittee on Interchange with Foreign Groups of the Roadway Committee, 1959-1961.

MASON, HAROLD E., City of Philadelphia, Department of Streets, 1032 City Hall Annex, Philadelphia 7, Pa.
Secretary, Roadway Committee, 1959-1961.

MASSOPUST, C. A.
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1960.

MATHER, H. E., Alberta Electrical Supplies, Ltd., 10168—106th St., Edmonton, Alta.
Chairman, Edmonton Section, 1960-1961; Secretary, Edmonton Section, 1959-1960.

MAWSON, THOMAS, Mawson Gage Ltd., 619 Chatham, Victoria, B. C.
Chairman, Vancouver Island Chapter, 1959-1960.

MAZUR, HENRY J., Westinghouse Electric Corp., 306 4th Ave., Pittsburgh 22, Pa.
Secretary, Pittsburgh Section, 1959-1960.

McCANN, M. F., Everbrite Electric Signs, Inc., 1140 N. Fourth St., Milwaukee 12, Wis.
Sign Lighting Committee, 1959-1960.

McCARTHY, WILLIAM J., Niagara Mohawk Power Corp., 535 Washington, Buffalo, N. Y.
Secretary, Western New York Section, 1959-1960.

McCLELLAN, B. W., 3955 Riley Ave., Terre Haute, Ind.
Secretary, Indiana Section, 1960-1961.

McCORMICK, C. W., Connecticut Light & Power Co., P.O. Box 2010, Hartford 1, Conn.
Chairman, Advance Planning Committee, 1960-1961; Member, 1959-1960; National Technical Conference Committee, 1959-1960.

McCREIGHT, M. E., 1120 Adams, Winthrop Harbor, Ill.
Testing Procedures Committee, 1959-1961.

McCULLOCH, JAMES H., Independent Testing Laboratories, 1410 Pearl St., Boulder, Colo.
Institutions Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Chairman, Subcommittee on Guide for Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials of the Testing Procedures Committee, 1959-1961; Subcommittee on Guide for Photometric Testing of Fluorescent Luminaires, Subcommittee on Practical Guide for Brightness Measurements, Study Project "C", all of the Testing Procedures Committee, 1959-1960.

McCUTCHEON, ALAN J. JR., San Diego Gas & Electric Co., 861 6th Ave., San Diego 1, Calif.
Secretary, San Diego Section, 1959-1960.

McDONALD, C. J., Multi-Electric Mfg. Co., Inc., 4223 W. Lake St., Chicago, Ill.
Aviation Committee, 1960-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

McFARLANE, RALPH W., Electric Service League, 1 Dock St., St. John, N. B.
Secretary, Maritime Chapter, 1959-1960.

McGANN, STANLEY D., Department of National Defense, Room 3340, C Building, Directorate of Works, Ottawa, Ont.
Chairman, Ottawa Section, 1960-1961.

McGINNIS, EDWARD J., Cincinnati Electrical Association, 920 Federal Reserve Bank Building, Cincinnati 2, Ohio.
Secretary, Ohio Valley Section, 1960-1961.

McGOUGH, JOHN F., The Welsbach Corp., 1500 Walnut St., Philadelphia 2, Pa.
Roadway Committee, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

McKELVEY, R. D., Human Factors Research Branch, National Aviation Facilities Experimental Center, Pleasantville, N. J.
Aviation Committee, 1960-1961.

McKINLEY, ROBERT W., Pittsburgh Plate Glass Co., 1 Gateway Center, Pittsburgh 22, Pa.
Daylighting Committee, 1959-1961; Office Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1961.

McKINNEY, J. D., Bureau of Aeronautics, Washington 25, D. C.
Aviation Committee, 1960-1961; Ground Taxiway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

McLAUGHLIN, JOHN J., Kelso-Burnett Electric Co., 223 W. Jackson Blvd., Chicago 6, Ill.
Office Committee, 1959-1961; Sustaining Membership Committee, 1959-1961; Fund Raising Subcommittee of the Sustaining Membership Committee, 1960-1961; Light Control and Equipment Design Committee, 1959-1961; Task Committee on UEC Fund Raising, 1959-1960.

McLEAN, B. M., Ontario Dept. of Education, Parliament Buildings, Toronto, Ont.
School Committee, 1959-1960.

McLELLAND, CARL W., Los Angeles Department of Water & Power, 311 S. Spring St., Los Angeles 13, Calif.
Office Committee, 1959-1961.

McNALL, JAMES B., West Penn Power Co., Cabin Hill, Greensburg, Pa.
Chairman, Pittsburgh Section, 1960-1961.

MEACHAM, J. A., The Sherwin Williams Co., 101 Prospect Ave., Cleveland 1, Ohio.
Inter-Society Color Council, 1959-1961.

MEAD, HOWARD C., Guide Lamp Division, General Motors Corp., P.O. Box 1090, Anderson, Ind.
Motor Vehicle (Exterior) Committee, 1959-1961.

MEAD, LEONARD C., Tufts University, Medford 55, Mass.
Official Representative, U. S. National Committee of the International Commission on Illumination, 1959-1961.

MEAKER, PHELPS, General Electric Co., Nela Park, Cleveland 12, Ohio.
Testing Procedures Committee, 1959-1961; Committee on Design Practice, 1959-1960; Subcommittees on Guides for Interpretation of Test Data and Results; Photometric Testing of Fluorescent Luminaires; Photometric and Electrical Measurements and Life Testing of Incandescent Lamps; Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials; Use of Photoelectric Portable Photometers (1937); all of the Testing Procedures Committee, 1959-1960.

MEEHAN, ELIZABETH A., Philadelphia Electric Co. 211 S. Broad St., Philadelphia 5, Pa.
Chairman, Subcommittee for Residential Data Sheets of the Publications Committee, 1959-1961; Residence Committee, 1959-1961.

MEISSNER, OSCAR W., Bureau of Street Lighting, Department of Public Works, 251 City Hall, Los Angeles 12, Calif.
Roadway Committee, 1959-1961; Chairman, Traffic Sign Lighting Subcommittee of the Roadway Committee 1959-1961.

MEYERS, GEORGE A., Sylvania Electric Products Inc., 75 Sylvan St., Danvers, Mass.
Testing Procedures Committee, 1959-1961; Chairman, Subcommittees on Guides for Electrical and Photometric Measurements of Fluorescent Lamps; Method of Measurement of Fluorescent Lamp Starting; Study Project "B" of the Testing Procedures Committee, 1959-1960; member, Subcommittees on Guides for Interpretation of Test Data and Results; Use of Photoelectric Portable Photometers (1937); Study Project "A" of the Testing Procedures Committee, 1959-1960.

MICKLE, D. GRANT, Automotive Safety Foundation, 200 Ring Building, Washington, 6, D. C.
Roadway Committee, 1959-1961.

MIDDLETON, W. E. K., National Research Council of Canada, Sussex Drive, Ottawa, Ont.
Ground Signal Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

MILLER, ANDREW D., 1122 Bedbrooke St., Ottawa 3, Ont.
Chairman, Ottawa Section, 1959-1960.

MILLER, CARMAN D., Duquesne Light Co., 435 Sixth Ave., Pittsburgh 19, Pa.
Vice-President, East Central Region, 1959-1961; Regional Activities Committee, 1959-1961; IES Territorial and Organizational Task Subcommittee, 1960-1961; Vice-Chairman, 1960 Conference Executive Committee, 1959-1960; National Technical Conference Committee, 1959-1960.

MILLER, D. C., General Electric Co., Nela Park, Cleveland 12, Ohio.
Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

MILLER, GLADYS, Henry Holt & Co., Inc., 530 Fifth Ave., New York 36, N. Y.
Inter-Society Color Council, 1959-1961; Subcommittee on Revision of "Contemporary Lighting in Modern and Traditional Interiors" of the Residence Committee, 1959-1960.

MILLER, JAMES Q., Consumers Power Co., 376 W. Western Ave., Muskegon, Mich.
Secretary, Western Michigan Section, 1959-1960.

MILLER, LOWRY, E., Florida Power Corp., 515 Park Ave. So., Winter Park, Fla.
Chairman, Central Florida Chapter, 1959-1960.

MILLIKEN, C. S., Lockheed Aircraft Corp., Burbank, Calif.
Aircraft Interior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

MINORS, CHARLES R., Georgia Power Co., P.O. Box 1719, Atlanta 1, Ga.
Roadway Committee, 1959-1961; Subcommittees on Light Sources, Luminaire Maintenance, Handbook and Traffic Safety of the Roadway Committee, 1959-1961.

MITCHELL, J. D., Westinghouse Electric Corp., 5701 Peachtree Industrial Blvd., Chamblee Ga.
General Secretary, 1960-1961; Council Executive Committee, 1960-1961; Territorial and Organizational Task Subcommittee, 1960-1961; Director, 1959-1960; Chairman, Advance Planning Committee, 1959-1960; National Technical Conference Committee, 1959-1960.

MITCHELL, J. G., Grant Electric Co., 3016 Payne Ave., Cleveland, Ohio.
Chairman, Cleveland Section, 1959-1960.

MOESTA, F. E. JR., Cleveland Electric Illuminating Co., P.O. Box 5000, Cleveland 1, Ohio.
Roadway Committee, 1959-1961.

MOLE, PETER, Mole-Richardson Co., 937 N. Sycamore Ave., Hollywood, Calif.
Searchlight Committee, 1959-1961.

MONAGHAN, BERNARD J., Peerless Electric Co., 5585 Fullum St., Montreal, Que.
Industrial Committee, 1959-1961.

MONAHAN, T. I., Naval Material Laboratory, N. Y. Naval Shipyard, Brooklyn 1, N. Y.
Chairman, Searchlight Committee, 1959-1961.

MOORE, L. B., Grimes Mfg. Co., 515 N. Russell, Urbana, Ohio.
Aviation Committee, 1960-1961.

MOORE, W. G., Electrolier Mfg. Co. Ltd., 5849 Boyer St., Montreal, Que.
Secretary, Montreal Section, 1959-1960.

MORE, HERBERT, Kliegl Bros., Lighting, 321 W. 50th St., New York, N. Y.
Television Group of the Theatre-Television Committee, 1959-1961; Chairman, Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1959-1961.

MORELLI, A. J., Commonwealth Edison Co., 72 W. Adams St., Chicago 90, Ill.
Secretary, Chicago Section, 1959-1961.

MORIN, JEAN PAUL, Canadian Westinghouse Co. Ltd., 415 Craig St. W., Montreal, Que.
Chairman, St. Maurice Valley Chapter, 1959-1960.

MORRIS, ROBERT W., General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Publications Committee, 1960-1961; Vice-Chairman, Publications Committee, 1959-1960.

MORRISON, JOHN F., Thornes Hardware, Ltd., Chesley St., St. John, N. B.
Secretary, Maritime Chapter, 1960-1961.

MORTENSEN, M. A., General Electric Co., Nela Park, Cleveland 12, Ohio.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Aircraft Lamps (Small) Subcommittee of the Aviation and Signal Committee, 1959-1960; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

MOTT, RONALD J., Electro Lighting Corp. Spruce & Water Sts., Reading, Pa.
Secretary, Eastern Pennsylvania Section, 1960-1961.

MOWREY, F. W., American-Saint Gobain Corp., American Window Glass Division, 4375 Old William Penn Highway, Turtle Creek, Pa.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

MUCHA, JOHN, Philadelphia Electric & Mfg. Co., 1200-36 N. 31st St., Philadelphia 21, Pa.
Service Station and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961.

MULLIS, WILLIAM F., National Bureau of Standards, Photometry and Colorimetry Section, Connecticut and Van Ness Sts., Washington 25, D. C.
Searchlight Committee, 1959-1961.

MURRAY, WILLIAM E., Los Angeles Department of Water and Power, Box 3669, Terminal Annex, Los Angeles 54, Calif.
Testing Procedures Committee, 1959-1961; Chairman, Subcommittee on Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps of the Testing Procedures Committee, 1959-1960.

N

NAGEL, GEORGE A., P.O. Box 57, Essex, Conn.
Roadway Committee, 1959-1961; Roadway Lighting Principles Subcommittee of the Roadway Committee, 1959-1961.

NAGEL, ROBERT I., Stimsonite Division of ESNA, 3445 N. Kimball, Chicago 18, Ill.
Motor Vehicle (Exterior) Committee, 1959-1961.

NAIDUS, E. S., Wasco Chemical Co., Inc., 609 Schuyler Ave., Kearny, N. J.
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1961.

NATALIE, AL., Pacific Power & Light Co., Public Service Building, Portland 4, Ore.
Secretary, Oregon Section, 1960-1961.

NEAL, FRANKLIN M., Corning Glass Works, Corning, N. Y.
Testing Procedures Committee, 1959-1961; Light Control and Equipment Design Committee, 1960-1961; Subcommittees on Guides for Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials; Photometric Testing of Fluorescent Luminaires; Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires, all of the Testing Procedures Committee, 1959-1960.

NEENAN, CHARLES J., CBS Television Network, 485 Madison Ave., New York 22, N. Y.
Television Group of the Theatre-Television Committee, 1960-1961; Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

NEER, D. L., National Industrial Recreation Association, 203 N. Wabash, Chicago 1, Ill.
Sports and Recreational Areas Committee, 1959-1961.

NEIDHART, JOHN J., The Miller Co. 99 Center St., Meriden, Conn.
Chairman, Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; Advance Planning Committee, 1959-1961; Handbook Committee, 1959-1961; Office Committee, 1959-1961; Chairman, Connecticut Section, 1960-1961; Design Practice Committee, 1959-1960; School Committee, 1959-1960.

NELLIS, HARRY R., Northern Electric Co., Ltd., 143 Lakeshore Blvd., Toronto, Ont.
Applied Lighting Competition Committee, 1959-1961.

NESBITT, KEITH, Sacks Electrical Supply Co., 711 Johnston St., Akron 6, Ohio.
Chairman, Subcommittee on Lighting in the Rubber Industry of the Industrial Committee, 1959-1961.

NEU, R. J. Rohm & Haas, Washington Square, Philadelphia 5, Pa.
Sign Lighting Committee, 1959-1960.

NEULINGER, KARL. H., Westinghouse Lamp Division, MacArthur Ave., Bloomfield, N. J.
Motor Vehicle (Exterior) Committee, 1959-1961.

NEWHOUSE, JOHN C., Northern States Power Co., 15 So. 5th, Minneapolis 2, Minn.
Chairman, Twin City Section, 1959-1960.

NEWTON, J. L., Kopp Glass Inc., Swissvale, Pittsburgh 18, Pa.
Aviation Committee, 1960-1961.

NEYLON, JOHN B., Sylvania Electric Products Inc., P.O. Box 403, Wichita, Kans.
Chairman, Central Kansas Chapter, 1960-1961.

NICKERSON, DOROTHY, U. S. Department of Agriculture, Cotton Division, Washington 25, D. C.
Chairman, Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

NIX, RALPH P., Southwestern Electric Power Co., P.O. Box 1106, Shreveport, La.
Secretary, Ark-La-Tex Chapter, 1959-1960.

NOFFSINGER, L. R., Airborne Equipment Division, Bureau of Aeronautics AE-821, Navy Department, Washington 25, D. C.
Searchlight Committee, 1959-1961.

NURNBERGER, LEWIS L., Consumers Power Co., 821 Hastings St., Traverse City, Mich.
Chairman, Western Michigan Section, 1959-1960.

NUTT, T., Canadian Broadcasting Co. Toronto, Ont.
Theatre-Television Committee, 1959-1960.

O

OBERHAUSEN, J. J., P.O. Box 3530, Honolulu 11, Hawaii.
Roadway Committee, 1959-1961.

O'BRIEN, PHILIP F., University of California, Los Angeles 24, Calif.
Nomenclature Committee, 1959-1961; Daylighting Committee, 1959-1961.

O'CONNELL, PAUL J., Sinko Mfg. & Tool Co., 7310 W. Wilson, Chicago 31, Ill.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

O'DANIEL, C. E., Potomac Electric Power Co., 929 E. St., N.W., Washington 4, D. C.
Secretary, Capital Section, 1959-1960.

ODLE, H. A., Holophane Co., Inc., Oakwood Ave., Newark, Ohio.
Committee on Design Practice, 1959-1960.

OGLE, E. S., 1411 K St., N.W., Washington 5, D. C.
Aviation Committee, 1960-1961.

OLIVE, JOHN E., Palmer Electric, 875 Jackson, Winter Park, Fla.
Secretary, Central Florida Chapter, 1959-1960.

OLSCHNER, PAUL Q., Westinghouse Electric Corp., 411 N. 7th St., St. Louis, Mo.
Chairman, St. Louis Section, 1960-1961.

OLSEN, HENRIK W., Rambusch Decorating Co. 529 E. Wadsworth Ave., Philadelphia 19, Pa.
Subcommittee on Churches of the Institutions Committee, 1959-1961.

OLSON, DONALD A., D. A. Olson Company, 420 E. 45th St., Seattle 5, Wash.
Secretary, Puget Sound Section, 1959-1960.

O'MEARA, WALTER, National Broadcasting Co., 30 Rockefeller Plaza, New York, N. Y.
Television Group of the Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1959-1961.

O'NEILL, D. J., Holophane Co., Inc., 342 Madison Ave., New York 17, N. Y.
Industrial Committee, 1959-1961; Chairman, Recommended Practice Subcommittee of the Industrial Committee, 1959-1961; Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

ORMROD, K. R., Powerlite Devices Ltd., 54 Atomic Ave., Toronto 18, Ont.
Secretary, Toronto Section, 1960-1961.

ORR, MAX, D., Advance Transformer Co., 2950 N. Western Ave., Chicago 18, Ill.
Finance Committee, 1959-1961.

ORTLIEB, OTTO P., City of Trenton, City Hall, Trenton 8, N. J.
Roadway Committee, 1959-1961; Traffic Safety Subcommittee of the Roadway Committee, 1959-1961.

OSBORNE, HENRY W., Division of Safety, City of Buffalo, 1801 City Hall, Buffalo 2, N. Y.
Traffic Sign Lighting Subcommittee of the Roadway Committee, 1959-1961; Roadway Committee, 1959-1960.

OSMUN R. F., Consumers Power Co., 376 W. Western Ave., Muskegon, Mich.
Aviation Committee, 1960-1961.

P

PAGE, AILEEN, General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Residence Lighting Forums Committee, 1960-1961, Member, 1959-1960.

PALIUS, KENNETH M., American Broadcasting Co., 7 W. 66th St., New York 23, N. Y.
Television Group, Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1959-1961.

PALMER, H. J. JR., Iowa Public Service Co., Orpheum Electric Bldg., Sioux City, Ia.
Chairman, Cornhusker Section, 1959-1960.

PALMER, RAYMOND J., 3227 Glynn Court, Detroit 6, Mich.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961; Roadway Committee, 1959-1960.

PALMER, ROY A., Duke Power Co., P.O. Box 2178, Charlotte 1, N. C.
Education Committee, 1959-1961; Papers Committee, 1960-1961; Task Committee on UEC Fund Raising, 1959-1960.

PANNELL, H. I., Southwestern Electric Power Co., P.O. Box 1106, Shreveport, La.
Chairman, Ark-La-Tex Chapter, 1960-1961.

PARAGAMIAM, GEORGE G., Westinghouse Electric Corp., 1 MacArthur Ave., Bloomfield, N. J.
Theatre Group of the Theatre-Television Committee, 1960-1961; Television Group of the Theatre-Television Committee, 1960-1961.

PARK, GLENN E., 2644 Portland Ave., Charlotte 7, N. C.
Committee on Constitution and Procedures, 1959-1960.

PARKER, JAMES E., Parker & Associates, 114 W. 9th St., Pueblo, Colo.
Chairman, Southern Colorado Chapter, 1960-1961; Secretary, Southern Colorado Chapter, 1959-1960.

PARKS, E. E., Nashville Electric Service Co., 605 Church St., Nashville, Tenn.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

PARKS, L. G., Ebasco Services Inc., 2 Rector St., New York 6, N. Y.
Chairman, Industrial Committee, 1959-1961; Official Representative to ASA Committees A11 and Z62, 1959-1961; Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961.

PARSONS, J. F., Niagara Mohawk Power Corp., 535 Washington St., Buffalo 3, N. Y.
Chairman, Joint Lighting Survey (IES-U. S. Public Health Service), 1959-1961; Subcommittee on Revision of "Advanced Lighting Design Problems Course" of the Committee on Education, 1959-1961; Subcommittee on Science Textbook Review of the Education Committee, 1959-1961; School Committee, 1959-1960; Chairman, Electric Lighting Design Subcommittee of the School Committee, 1959-1960.

PARTRIDGE, K. L., The Hartford Electric Light Co., 176 Cumberland Ave., Wethersfield, Conn.
Roadway Committee, 1959-1960; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1960.

PATTERSON, GALE H., General Electric Supply Co., 1429 18th St., Denver 17, Colo.
Chairman, Rocky Mountain Section, 1959-1960.

PATTERSON, GEORGE R., 4776 Welchshire Ave., Memphis 17, Tenn.
Chairman, Mid-South Chapter, 1960-1961; Secretary, Mid-South Chapter, 1959-1960.

PAUGH, R. L., General Electric Co., Nela Park, Cleveland 12, Ohio.
Aviation Committee, 1960-1961; Ground Runway and Ground Taxiway Subcommittees of the Aviation and Signal Committee, 1959-1960.

PAUL, ELLIS E., Howard, Needles, Tammen & Bergendoff, 99 Church St., New York 7, N. Y.
Roadway Committee, 1959-1961; Chairman, Subcommittee on Visibility under Fog Conditions of the Roadway Committee, 1959-1961; Subcommittee on High Speed, Density Highways of the Roadway Committee, 1959-1961; Official Representative, National Research Council, Highway Research Board, 1959-1961.

PAULY, EUGENE C., General Electric Co., Ballast Division, 1430 E. Fairchild St., Danville, Ill.
Progress Committee, 1959-1961.

PEARSON, H. J. C., Duke Ave. Argyle Heights, Fredericksburg, Va.
Aviation Committee, 1960-1961.

PEDDY, OLEN, Public Service Co. of N. M., P.O. Box 1360, Albuquerque, N. M.
Chairman, New Mexico Chapter, 1959-1960.

PEEK, S. C., Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Motor Vehicle (Exterior) Committee, 1959-1961.

PEISTRUP, C. F., U. S. Coast Guard Headquarters, Washington 25, D. C.
Aviation Committee, 1960-1961.

PENAFEATHER, JOHN C., 745 So. 90 East Ave., Tulsa, Okla.
Secretary, Oil Capital Section, 1959-1960.

PEPPER, C. M., Southern California Edison Co., 222 Brookside, Redlands, Calif.
Chairman, Arrowhead Chapter, 1960-1961.

PETERS, HAROLD J., Consolidated Edison Co. of New York, 4 Irving Place, New York 3, N. Y.
Chairman, New York Section, 1960-1961.

PETERSON, DONALD H., Bausch & Lomb, Inc., Rochester 2, N. Y.
Searchlight Committee, 1959-1961; Chairman, Optics Subcommittee of the Searchlight Committee, 1959-1960.

PETERSON, EDWARD L., Edward L. Peterson Co., 709 Bank of America Bldg., San Diego 1, Calif.
Chairman, San Diego Section, 1959-1960.

PETERSON, HENRY
IES-SPI-NEMA Subcommittee of the Light Control & Equipment Design Committee, 1959-1960.

PHELPS, W. E., General Electric Co., S. 162 Post St., Spokane, Wash.
Chairman, Inland Empire Chapter, 1960-1961.

PHILLIPS, C. B., National Aviation Facility Experimental Center, Federal Aviation Agency, Pleasantville, N. J.
Aviation Committee, 1960-1961; Taxiway Lighting Subcommittee 1960-1961.

PHILLIPS, WILLIAM J., Nova Scotia Light & Power Co. Ltd., P.O. Box 848, Halifax, N. S.
Chairman, Bluenose Chapter, 1959-1960.

PIERCE, DEAN, Lockheed Aircraft Corp., P.O. Box 551, Burbank, Calif.
Chairman, Aircraft Cockpit Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

PIERCE, RALPH, Levin, Pierce and Wolf, 3133 Cadillac Tower, Detroit 26, Mich.
High Speed, Density Highways Subcommittee of the Roadway Committee, 1959-1961; Ground Taxiway Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

PLOWMAN, BLAIR E., Washington Water Power Co., E. 1411 Mission, Spokane, Wash.
Roadway Committee, 1959-1961.

POEHLING, H. J., E. H. Laugh & Associates, 1501 Hampton, St. Louis 10, Mo.
Membership Committee, 1959-1960.

POLLACK, CARL, 172 Hemingway Drive, Rochester 20, N. Y.
Chairman, Rochester Section, 1960-1961.

POMON, JACK D., The Pyle-National Co., 1334 N. Kostner Ave., Chicago, Ill.
Testing Procedures Committee, 1959-1961; Subcommittees on Guides for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires and Photometric Testing of Floodlights of 10 to 160° Total Beam Spread (1950) of the Testing Procedures Committee, 1959-1960.

POTENZA, FRED, National Safety Council, 425 N. Michigan Ave., Chicago, Ill.
Roadway Committee, 1960-1961.

POWERS, F. J., Westinghouse Electric Supply Co., 209 W. General Robinson St., Pittsburgh 12, Pa.
1960 Conference Executive Committee, 1959-1960.

PRACEJUS, W. GLENN, General Electric Co., 2800 N. W. Nela, Portland, Oregon.
Secretary, Oregon Section, 1959-1960.

PRATT, EDMUND W., Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Chairman, Michigan Section, 1959-1960.

PREECE, W. R., Baltimore & Ohio Railroad, Baltimore & Charles Sts., Baltimore, Md.
Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

PRESBREY, PRISCILLA, Westinghouse Electric Corp., MacArthur Ave., Bloomfield, N. J.
Nomenclature Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Official Representative to ASA Sectional Committees C42, Y10, Y14, Y32 and Z58, 1959-1961; Chairman, Subcommittees on Guides for Life Performance Testing of Fluorescent Lamps; Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps of the Testing Procedures Committee, 1959-1960; Subcommittee on Guide for Electrical and Photometric Measurements of Fluorescent Lamps of the Testing Procedures Committee, 1959-1960.

PRESENT, ROBERT J., 743 N. 4th St., Milwaukee, Wis.
Chairman, Milwaukee Section, 1959-1960.

PRESTON, R. C.
Ground Seadrome Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

PRISK, CHARLES W., U. S. Bureau of Public Roads, Washington 25, D. C.
Traffic Sign Lighting Subcommittee of the Roadway Committee, 1959-1961; Roadway Committee, 1960-1961.

PROJECTOR, THEODORE, H., 3304 Edgewood Road, Kensington, Md.
Searchlight Committee, 1959-1961; Aviation Committee, 1960-1961; Chairman, Testing Procedures Subcommittee of the Searchlight Committee, 1959-1960; Aircraft Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

PROVENZANO, LUKE A., Kopp Glass, Inc., 2108 Palmer St., Pittsburgh 18, Pa.
Testing Procedures Committee, 1959-1961; Subcommittees on Practical Guides to Photometry, Colorimetry of Light Sources, Brightness Measurements of the Committee on Testing Procedures, 1959-1960; Subcommittees on Guides for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires, Photometric Testing of Floodlights of 10 to 160° Total Beam Spread (1950) of the Testing Procedures Committee, 1959-1960.

PROVOST, G. W., Doubleday Hill Electric Co., 110 7th St., Pittsburgh 22, Pa.
1960 Conference Executive Committee, 1959-1960.

PURCELL, CHARLES J., 1 East Gregory Blvd., Kansas City, Mo.
Chairman, Heart of America Section, 1960-1961; Secretary, Heart of America Section, 1959-1960.

PURDUM, STANLEY W., Philadelphia Electric Co., 211 S. Broad St., Philadelphia 5, Pa.
Secretary, Philadelphia Section, 1959-1961.

PUTNAM, RUSSELL C., Case Institute of Technology, 10900 Euclid Ave., Cleveland 6, Ohio.
Education Committee, 1959-1961; Hospitals Subcommittee of the Institutions Committee, 1959-1961; Brochure on "Opportunities in Illuminating Engineering" Subcommittee of the Education Committee, 1960-1961; School Committee, 1959-1960.

PUTTERMAN, ROBERT, R. A. Putterman Co., 4101 San Jacinto, Houston, Texas.
Secretary, San Jacinto Section, 1959-1960.

R

RADFORD, GRANT N., Pacific Gas and Electric Co., 1625 Clay St., Oakland 12, Calif.
Chairman, Diablo Section, 1959-1960.

RAE, GENE G., Holophane Co. Inc., 342 Madison Ave., New York 17, N. Y.
Office Committee, 1959-1960; Chairman, 1960-1961; Recommendations for Quality and Quantity of Illumination, 1960-1961.

RAFFAELE, C. W., Appleton Electric Co., 1701 West Wellington, Chicago 13, Ill.
Sports and Recreational Areas Committee, 1959-1960.

RAISBECK, GORDON, Canadian Westinghouse Supply Co., 330 11th Ave. W., Calgary, Alta.
Chairman, Chinook Chapter, 1960-1961.

RAMBUSCH, EDWARD, Rambusch Decorating Co., 40 West 13th St., New York 11, N. Y.
Medal Award Committee 1959-1961; Allied Arts Committee, 1959-1961.

RANSFORD, J.
Aircraft Cockpit Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

REAMS, LUTHER S., E. I. DuPont de Nemours Inc., Box 1447, Richmond 12, Va.
Chairman, Virginia Section, 1960-1961.

REED, LLOYD S., L. S. Reed & Co., 1018 Lawrence St., Denver 4, Colo.
Vice-President, Inter-Mountain Region, 1959-1961; Regional Activities Committee, 1959-1961; Task Committee on UEC Fund Raising, 1959-1960.

REEVES, WALTON T., Moore Handley Hardware Co., Inc., 401 N. Water St., Mobile, Ala.
Chairman, Gulf Coast Chapter, 1959-1961.

REID, JAMES, Homer G. Maxey, 1611 4th St., Lubbock, Texas.
Secretary, South Plains Chapter, 1960-1961.

REID, K. M., General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Board of Nomination, 1960-1961; Medal Award Committee 1959-1961; Chairman, Trustees, IES Headquarters Retirement Pension Plan, 1959-1960; Chairman, Task Committee on Research Financing, 1959-1960; Past President, 1959-1960.

REINHARDT, HARRIS, Sylvania Electric Products Inc., 730 Third Ave., New York 17, N. Y.
Nomenclature Committee, 1959-1960.

RESNICK, S., U. S. Army, Ordnance Corp., Picatinny Arsenal, Denver, Colo.
Searchlight Committee, 1959-1961.

REX, C. H., General Electric Co., Outdoor Lighting Dept., Hendersonville, N. C.
Board of Fellows, 1960-1961; Roadway Committee, 1959-1961; Chairman, Subcommittee on Roadway Lighting Principles, 1959-1961; Coordinating Subcommittee of the Roadway Committee 1959-1961; Subcommittees on: High Speed Density Highways, 1959-1961; Interchange with Foreign Groups, 1959-1961; Research, 1959-1961; Standard Practice, 1959-1961; Visibility under Fog Conditions, 1959-1961.

REYNOLDS, JAN, Sylvania Electric Products Inc., 1740 Broadway, New York 19, N. Y.
Residence Committee, 1959-1961; Subcommittee on "Lighting Keyed to Today's Homes," 1959-1960.

REYNOLDS, RICHARD A., 2704 Hillvale Ave., West Lawn, Pa.
Chairman, Eastern Pennsylvania Section, 1959-1960.

RICH, PALMER O., Coast Electric Co., 744 G St., San Diego, Calif.
Secretary, San Diego Section, 1960-1961.

RICHARD, LUCIEN, Canadian General Electric Co., 2369 Blvd. Royale, P.O. Box 1087, Trois Rivieres, Que.
Secretary, St. Maurice Valley Chapter, 1960-1961.

RICHARDSON, W. E., Jaros, Baum and Bolles, 730 Third Ave., New York, N. Y.
Theatre-Television Committee, 1959-1960.

RICKER, EDMUND R., Pennsylvania Department of Highways, Harrisburg, Pa.

Motor Vehicle (Exterior) Committee 1959-1961; Subcommittee on Visibility under Fog Conditions of the Roadway Committee, 1959-1961.

RIDDLE, WILBUR, General Electric Co., Nela Park, Cleveland 12, Ohio.
Allied Arts Committee 1960-1961.

RISSER, ARTHUR C., 1534 Woodland Ave., Wichita 3, Kans.
Theatre Group of Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for Educational and Community Theatre Stages, 1959-1961; Chairman, IES-SMPTE Recommended Practice, 1959-1960.

RITENBURG, L. H., L. H. Ritenburg & Associates, P.O. Box 706, Regina, Sask.
Chairman, Golden West Chapter, 1959-1961.

RITTER, W. H. JR., California Electric Power Co., P.O. Box 1029, San Bernardino, Calif.
Chairman, Arrowhead Chapter, 1959-1960.

ROBERTSON, J. N., Los Angeles Department of Water & Power, Box 3669 Terminal Annex, Los Angeles 54, Calif.
Chairman, Light Control and Equipment Design Committee, 1959-1961.

ROBERTSON, MAURICE E., Jefferson Electric Co., 840-25th Ave., Bellwood, Ill.
Light Sources Committee, 1959-1961; Light Control and Equipment Design Committee, 1959-1961.

ROBINSON, GEORGE C., Robinson Electrical Ltd., P.O. Box 824, St. John, N. B.
Chairman, Maritime Chapter, 1960-1961.

ROCHE, F. J., E. I. DuPont de Nemours & Co., Inc., Wilmington 98, Del.
Maintenance Committee, 1959-1960.

RODGERS, ALSTON, General Electric Co., Nela Park, Cleveland 12, Ohio.
Vice-President, Great Lakes Region, 1960-1961; Regional Activities Committee, 1960-1961; Chairman, Education Committee, 1959-1961.

RODISCH, JAMES, Philadelphia Electric Co., 211 S. Broad St., Philadelphia 5, Pa.
Chairman, Graphic Arts Subcommittee of the Industrial Committee, 1960-1961.

RONAYNE, JOHN, General Electric Co., 205 East 42nd St., New York 17, N. Y.
Public Relations and Information Committee, 1959-1960.

ROOKEY, RAY D., Washington Water & Power Co., West 825 Trent, Spokane, Wash.
Secretary, Inland Empire Chapter, 1959-1960.

ROPER, V. J., General Electric Co., Nela Park, Cleveland 12, Ohio.
Aviation Committee, 1960-1961; Motor Vehicle (Exterior) Committee, 1959-1961; Alternate Official Representative, Vehicle Lighting Subcommittee on Uniform Traffic Laws and Ordnances, 1959-1961.

ROSENQUIST, FRED H., Public Service Co. of Colorado, 900-910 15th St., Denver 2, Colo.
Secretary, Rocky Mountain Section, 1959-1960.

ROSENTHAL, JEAN, Theatre Production Service, 52 West 46th St., New York 36, N. Y.
Theatre Group of the Theatre-Television Committee, 1959-1961.

ROSS, M. W., 5059 West Polk St., Chicago 44, Ill.
Sports and Recreational Areas Committee, 1959-1961; Secretary, 1959-1960.

ROUSE, DURWOOD E., Cofer, Rouse & Jeglinski, P.O. Box 6227, Greensboro, N. C.
Secretary, Tar Heel Section, 1960-1961.

ROWTEN, DANA W., Sylvania Electric Products Inc., One 48th St., Wheeling, W. Va.
Industrial Committee, 1960-1961; Roadway Committee, 1959-1961; Subcommittees on Standard Practice, 1959-1961; Interchange with Foreign Groups, 1959-1961; Chairman, Coordinating Subcommittee of the Roadway Committee, 1959-1961.

RUBIN, JOEL E., Kliegl Bros. Lighting, 321 West 50th St., New York 19, N. Y.
Allied Arts Committee, 1960-1961; Chairman, Theatre-Television Committee 1959-1961; Official Representative, US Institute for Theatre Technology, 1960-1961; Official Representative, US Center, International Association of Theatre Technicians, 1960-1961.

RUBIO Y LOAEZA, MARIO, RUBIO, S. A., Benjamin Franklin 233 So., Piso, Mexico 18, D. F.
Secretary, Mexico Chapter, 1960-1961.

RUDBERG, EARLE G., Office, Chief of Engineers, Building T-7, Room-2547, ENGEA, Washington 25, D. C.
Aviation Committee, 1959-1961; Executive Subcommittee, 1960-1961; Ground Heliport Subcommittee, 1959-1960; Ground Taxiway Subcommittee, 1959-1960.

RUFF, D. L., Arizona Public Service Co., P.O. Box 2591, Phoenix, Ariz.
Secretary, Arizona Section, 1960-1961.

RUSSELL, B. D., Columbus & Southern Ohio Electric Co., 215 N. Front St., Columbus 15, Ohio.
Chairman, Buckeye Chapter, 1959-1960.

RUSSELL, JOHN A., University of Manitoba, Winnipeg, Man.
Allied Arts Committee, 1959-1961.

RUSSO, VITO, Mario Mfg. Co. Inc., 11 East 26th St., New York, N. Y.
Residence Committee, 1959-1961.

RUTHERFORD, P. M., Dallas Power & Light Co., 1506 Commerce St., Dallas 1, Texas.
National Technical Conference Committee, 1959-1961; Task Committee on UEC Fund Raising, 1959-1960.

S

SACKETT, ROGER W., American Trucking Associations, Inc., 1616 P St., N.W., Washington 6, D. C.
Motor Vehicle (Exterior) Committee, 1959-1961.

SAHLMAN, JOHN A., Public Service Electric & Gas Co., 80 Park Place, Newark, N. J.
Residence Lighting Forums Committee, 1960-1961.

SALTER, ERNEST H., Electrical Testing Laboratories, Inc., 2 East End Ave., New York 21, N. Y.
Light Sources Committee, 1959-1961; Committee on Design Practice, 1959-1960; Testing Procedures Committee, 1959-1960; Subcommittees on Guides for Photometric Testing of Fluorescent Luminaires, Photometric Testing of Floodlights of 10 to 160° Total Beam Spread (1950), Interpretation of Test Data and Results, Life Performance Testing of Fluorescent Lamps, Electrical and Photometric Measurements of Fluorescent Lamps, Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires, Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, Photometric and Electrical Measurements and Life Testing of Incandescent Lamps, Brightness Measurements, all of the Testing Procedures Committee, 1959-1960; Chairman, Subcommittee on Guide for Testing Filament Luminaires of the Testing Procedures Committee, 1959-1960; Study Project "C" of the Testing Procedures Committee, 1959-1960; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1960.

SAMPSON, FOSTER K., 1125 West Sixth St., Los Angeles 17, Calif.
Daylighting Committee, 1959-1961; School Committee, 1959-1960.

SANCHEZ HIDALGO, OCTAVIO, Sierra Amatepec 125, Mexico D. F., Mexico.
Chairman, Mexico Chapter, 1960-1961.

SANGSTER, ALFRED C., The Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Subcommittee on Churches of the Institutions Committee, 1959-1961.

SARGENT, THEODORE C., Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Papers Committee, 1959-1961; Progress Committee, 1959-1961.

SAWYIER, ROBERT L., Pacific Gas & Electric Co., 245 Market St., San Francisco, Calif.
Secretary, Golden Gate Section, 1960-1961; Sustaining Membership Committee, 1959-1961.

SCHAEFER, E. H., Wisconsin Electric Power Co., 231 West Michigan St., Milwaukee 1, Wis.
Chairman, Service Stations and Parking Areas Subcommittee of the Merchandising Committee, 1959-1961; Parking Areas Subcommittee of the Roadway Committee, 1959-1961.

SCHAENZER, J. P., Rural Electrification Administration, U. S. Department of Agriculture, Washington 25, D. C.
Joint Farm (IES-American Society of Agricultural Engineers), 1959-1961.

SCHANDLER, JOSEPH, 47 Merrimon Ave., Asheville, N. C.
Secretary, Palmetto Section, 1960-1961.

SCHELANDER, OSCAR E., State of California, Division of Highways, P.O. Box 1352, Fresno, Calif.
Chairman, Yosemite Section, 1960-1961.

SCHMITT, F. J., Rochester Gas & Electric Corp., 89 East Ave. Rochester 4, N. Y.
Roadway Committee, 1959-1961; Photographic Subcommittee, 1959-1961 and Tunnels and Underpass Lighting Subcommittee, 1959-1961; of the Roadway Committee.

SCHNOLL, EDWIN, Schnoll Lighting Sales, 7632 N. Van Dyke Road, Milwaukee 17, Wis.
Chairman, Milwaukee Section, 1960-1961.

SCHOLES, WALTER M., Omaha Public Power District, 718 Electric Building, Omaha 2, Nebr.
Chairman, Cornhusker Section, 1960-1961.

SCHRENK, L. J., Harlan Electric Co., 901 W. Milwaukee Ave., Detroit 2, Mich.
Roadway Committee, 1959-1961.

SCHROEDER, GEORGE C. JR., Schroeder & Associates, 5591 Canal Blvd., New Orleans 24, La.
Chairman, New Orleans Section, 1960-1961.

SCHULTER, JOHN A., 411 Weatherly Bldg., Portland 14, Ore.
Chairman, Oregon Section, 1959-1960.

SCHWANNHAUSER, W. E., General Electric Co., Outdoor Lighting Department, Hendersonville, N. C.
Subcommittees on: Photographic Studies, Parking Areas, Program and Publicity, Traffic Safety, Traffic Sign Lighting, all of the Roadway Committee, 1959-1961.

SCHWENKLER, NORBERT H., Luminator, Inc., 120 N. Peoria St., Chicago 80, Ill.
Aviation Committee, 1960-1961; Subcommittee on Aircraft Lighting of the Aviation and Signal Committee, 1959-1960.

SCLATER, RONALD W., J. A. Wilson Lighting & Display, Ltd., 280 Lakeshore Road, Toronto 14, Ont.
Public Relations and Information Committee, 1959-1961.

SCROGGS, R. E., Department of Radio, Television and Motion Pictures, University of North Carolina, Chapel Hill, N. C.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

SEAGERS, PAUL W., School of Education, Indiana University, Bloomington, Ind.
Daylighting Committee, 1959-1961; Inter-Society Color Council, 1959-1961; Hospitals Subcommittee of the Institutions Committee, 1959-1961; School Committee, 1959-1960; Chairman, Visual Problems Subcommittee of the School Committee, 1959-1960.

SEALEY, G. L., 1208 Eckert Ave., Reading, Pa.
Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

SEAY, JACK R., Seay Electric Co., 423 W. Third, Tulsa, Okla.
Chairman, Oil Capital Section, 1960-1961.

SEBURN, THOMAS J., Bureau of Highway Traffic, Strathcona Hall, Yale University, New Haven, Conn.
Chairman, Roadway Committee, 1959-1961; Committee on Quality and Quantity of Illumination, 1959-1960.

SEGAL, MURRAY, D., National Safety Council, 425 N. Michigan Ave., Chicago 11, Ill.
Traffic Safety Subcommittee of the Roadway Committee, 1959-1961; Roadway Committee, 1959-1960.

SEGAL, STANLEY M., United States Army Engineer Research and Development Laboratories, Fort Belvoir, Va.
Progress Committee, 1959-1961; Subcommittees on: Light Sources, Testing Procedures, of the Searchlight Committee, 1959-1960.

SEGEL, GEORGE J., New Orleans Public Service, Inc., 317 Baronne St., New Orleans, La.
Chairman, New Orleans Section, 1959-1960.

SELL, FLOYD W., Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Papers Committee, 1960-1961; Chairman, 1959-1960; Publications Committee, 1959-1960; National Technical Conference Committee, 1959-1960.

SELLMAN, HUNTON D., San Diego State College, San Diego, Calif.
Theatre Group of the Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1959-1961.

SELTZ, HERBERT A., Indiana University, Bloomington, Ind.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

SEMEROTH, J. W.
Taxiway Lighting Subcommittee of the Aviation Committee, 1960-1961.

SHARP, HOWARD M., Walling, Bickley & Sharp., Inc., 1912 N St., N.W., Washington 6, D. C.
Institutions Committee, 1960-1961; Hospitals Subcommittee of the Institutions Committee, 1959-1961.

SHAW, J. HOMER, Utah Power & Light Co., P.O. Box 899, Salt Lake City, Utah.
Roadway Committee, 1959-1961; Chairman, Utah Section, 1959-1960.

SHEARER, JACK, Boeing Airplane Co., 12212-84th Ave., So., Seattle, Wash.
Aircraft Exterior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

SHEMITZ, SYLVAN R., C. S. Mersick Electric Supply Corp., 135 Orange Ave., West Haven, Conn.
Chairman, Residence Committee, 1960-1961; Member, 1959-1960.

SHEPHERD, JOHN E., Lighting Materials, Ltd., 555 40th Avenue, La Salle, Que.
Chairman, Montreal Section, 1959-1960.

SHEPHERD, THEODORE H., Los Angeles Department of Water and Power, 311 S. Spring St., Los Angeles 54, Calif.
Education Committee, 1959-1961; Office Committee, 1959-1960.

SHERWOOD, HOMER S., Utah Power & Light Co., Box 899, Salt Lake City 10, Utah.
Secretary, Utah Section, 1959-1960.

SHIPLEY, F. D., U. S. Government Aeronautical Standards Group, U. S. A. F., Washington 25, D. C.
Aircraft Lighting Subcommittee and Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

SHOEMAKER, GEORGE E., Philadelphia Electric Co., 211 S. Broad St., Philadelphia 5, Pa.
Chairman, Subcommittee on Churches of the Institutions Committee, 1959-1961; Official Representative, ASA Committee C1, 1959-1961; Official Representative, Industry Committee in Connection with Handbooks of Interior Wiring Design, 1959-1961; Medal Award Committee, 1960-1961.

SHOTWELL, C. C., Philadelphia Electric Co., 211 S. Broad St., Philadelphia 5, Pa.
Sustaining Membership Committee, 1959-1961; Finance Committee, 1959-1961; Task Committee on UEC Fund Raising, 1959-1960; Task Committee on Research Financing, 1959-1960.

SIMPSON, L. C., Elastimold Division, Elastic Stop Nut Corp. of America, 1027 Newark Ave., Elizabeth, N. J.
Aviation Committee, 1960-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

SIMPSON, W. R., Arkansas Power & Light Co., 123 West 4th St., Little Rock, Ark.
Chairman, Arkansas Chapter, 1959-1960.

SISCO, S. E., Ebasco Services, Inc., 2 Rector St., New York 6, N. Y.
Roadway Committee, 1959-1961; Subcommittees on High Speed Density Highways and Luminaire Maintenance of the Roadway Committee, 1959-1961.

SKINNER, VIRGINIA, Long Island Lighting Co., 600 Stewart Ave., Garden City, N. Y.
Residence Lighting Forums Committee, 1959-1961.

SKOVE, W. S., Division of Light and Power, City of Cleveland, Cleveland, Ohio.
Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

SLAUER, RICHARD G., Sylvania Electric Products Inc., One 48th St., Wheeling, W. Va.
President, 1960-1961; Vice-President, 1959-1960; Chairman, Council Executive Committee, 1960-1961; Member, 1959-1960; Ex-Officio member of all Standing, General and Task Committees, 1960-1961; Official Representative, U.S. National Committee of CIE, 1960-1961; Ex-Officio member of all Technical Committees, 1959-1960; Task Committee on Research Financing, 1959-1960.

SMART, RAYMOND L., Boston Edison Co., 182 Tremont St., Boston 12, Mass.
Director, 1960-1961; Vice-Chairman, Applied Lighting Competition Committee, 1960-1961; Committee on Constitution and Procedures, 1960-1961; Vice-President, Northeastern Region, 1959-1960; Regional Activities Committee, 1959-1960.

SMART, RICHARD M., Sylvania Electric Products Inc., 2001 North Cornell Ave., Melrose Park, Ill.
Vice-President, North Central Region, 1960-1961; Regional Activities Committee, 1960-1961.

SMEDBERG, GEORGE C., Westlite, 780 Broadway, Redwood City, Calif.
Theatre Group, Theatre-Television Committee, 1959-1961; Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961; Chairman, San Jose Chapter, 1959-1960.

SMITH, EARL R., Dow Chemical Co., Box 347, Midland, Mich.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

SMITH, ENOCH E. JR., Graybar Electric Co., 532 Indian St., Savannah, Ga.
Secretary, Coastal Empire Chapter, 1960-1961.

SMITH, HARVEY K., Yale University, School of Drama, New Haven, Conn.
Subcommittee on Lighting for Educational and Community Theatres of the Theatre-Television Committee, 1960-1961.

SMITH, JAMES D., General Electric Co., 1401 Parker Rd., Baltimore 27, Md.
Chairman, Maryland Section, 1959-1960.

SMITH, JULIAN J., Smithcraft Corp., Chelsea, Mass.
National Technical Conference Committee, 1960-1961.

SMITH, R. L., Holophane Co., Inc., Oakwood Ave., Newark, Ohio.
Testing Procedures Committee, 1959-1961; Subcommittees on Guides for: Determination and Specification of Diffusion and Hiding Power of Fixture Diffusing Materials, Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires, Photometric Testing of Fluorescent Luminaires, Interpretation of Test Data and Results, all of the Testing Procedures Committee, 1959-1960; Study Project "A" of the Testing Procedures Committee, 1959-1960.

SMITH, W. S., Square D Co., 519 Travis Bldg., San Antonio, Texas.
Secretary, Alamo Section, 1960-1961.

SNAMAN, THOMAS, Sylvania Electric Products Inc., One 48th Street, Wheeling, W. Va.
Testing Procedures Committee, 1959-1961.

SNIDER, FREDERICK T., Pennsylvania Railroad, 15 N. 32nd St., Philadelphia 4, Pa.
Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

SNOOK, S. S., Consolidated Edison Co. of N. Y. 4 Irving Place, New York, N. Y.
Data Sheet Subcommittee of the Publications Committee, 1960-1961.

SONNENFELD, NATHAN, Century Lighting, Inc., 521 W. 43rd St., New York 36, N. Y.
Merchandising Committee, 1959-1961.

SPEARS, G. R., Sylvania Lighting Products, 75 Sylvan St., Danvers, Mass.
Subcommittee on Guide for Life Performance Testing of Fluorescent Lamps of the Testing Procedures Committee, 1959-1960.

SPEED, WILLIAM G., Hopkin Brothers, Inc., 120 N. 7th St., Philadelphia 6, Pa
Chairman, Philadelphia Section, 1960-1961.

SPELL, HARRY W., Northern States Power Co., 15 So. Fifth, Minneapolis 2, Minn.
Secretary, Twin City Section, 1960-1961.

SPENCER, DOMINA EBERLE, University of Connecticut, Storrs, Conn.
Daylighting Committee, 1959-1961; Official Representative, ASA Committee Z17, 1959-1961; Inter-Society Color Council, 1959-1960.

SPENCER, J. C., Canadian General Electric Co. Ltd., 3030 East Broadway, Vancouver 12, B. C.
Secretary, British Columbia Section, 1960-1961.

SPRINGER, JAMES E., Alabama Power Co., P.O. Box 1349, Mobile, Ala.
Secretary, Gulf Coast Chapter, 1959-1961.

STAFFORD, MARY E., Thomas Electric Co., 816 Locust St., Des Moines 10, Iowa.
Chairman, Iowa Section, 1959-1960.

STAHL, HAROLD, Lamons Electric Co., 1950 S. Glenstone, Springfield, Mo.
Chairman, Ozark Chapter, 1959-1961.

STAIR, J. L., Harbert, Berrien County, Mich.
Historical Committee, 1959-1960.

STALEY, KARL A., General Electric Co., Nela Park, Cleveland 12, Ohio.
Secretary, Allied Arts Committee, 1959-1960.

STARR, S. M., Revere Electric Mfg. Co., 7420 Lehigh Ave., Chicago 48, Ill.
Parking Areas Subcommittee of the Roadway Committee, 1959-1960.

STAUFFERT, KURT, Duro-Test Corp., 2321 N. Hudson Blvd., North Bergen, N. J.
Testing Procedures Committee, 1959-1961; Subcommittees on Guides for: Photometry, Photometric Testing of Floodlights of 10° to 160° Total Beam Spread (1950), Electrical and Photometric Measurements of Fluorescent Lamps, Photometric and Electrical Measurements and Life Testing of Incandescent Lamps, Investigation of Methods and Techniques of Measuring and Reporting Tests of Reflector Type Lamps, Method of Measurement of Fluorescent Lamp Starting, all of the Testing Procedures Committee, 1959-1960.

STEELE, ROBERT D., Alabama Power Co., 2100 1st Ave. N., Birmingham 2, Ala.
Secretary, Alabama Section, 1959-1960.

STEFANY, RAYMOND J., Westinghouse Lamp Division, 1625 K St., N.W., Washington 6, D. C.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Chairman, Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960; Aircraft Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

STELLY, JAMES A., Gulf States Utilities Co., 446 North Blvd., Baton Rouge, La.
Secretary, New Orleans Section, 1959-1960.

STENTZ, HOWARD W., Wide-Lite Corp., P.O. Box 191, Houston, Texas.
Sports and Recreational Areas Committee, 1959-1961.

STEPHEN, J. D., 400 Campbell St., Winnipeg 9, Man.
Secretary, Winnipeg Chapter, 1960-1961.

STERNBERG, LOUIS S., Midland Electric Co., 2125 Superior Ave., Cleveland, Ohio.
Secretary, Cleveland Section, 1959-1960.

STEVENS, EVERETT D., Carolina Power & Light Co., Raleigh, N. C.
Secretary, Tar Heel Section, 1959-1960.

STILLWELL, G. R., Bell Telephone Laboratories, Murray Hill, N. J.
Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

STINES, KENNETH J., Architect, 222 S. Victoria Ave., Pueblo, Colo.
Chairman, Southern Colorado Chapter, 1959-1960.

STONE, R. A., Air Line Pilots Association, 55th St. & Cicero Ave., Chicago, Ill.
Aviation Committee, 1960-1961; Executive Subcommittee of the Aviation Committee, 1960-1961; Subcommittees on: Aircraft Lamps (Small), Aircraft Lighting, Ground Lighting, all of the Aviation and Signal Committee, 1959-1960.

STORRS, EARL E., P.O. Box 167, Stockton 1, Calif.
Chairman, Mother Lode Chapter, 1959-1960.

STOUT, LOUIS, Curtis Stout Co., P.O. Box 107, Little Rock, Ark.
Chairman, Arkansas Chapter, 1960-1961.

STRAHAN, C. E. JR., Mississippi Power & Light Co., 144 S. Congress St., Jackson 5, Miss.
Chairman, Mississippi Chapter, 1959-1960.

STRANG, M. K., Curtis-AllBrite Lighting Ltd., 195 Wickstead Ave., Leaside, Toronto 17, Ont.
Chairman, Progress Committee, 1959-1961.

STRONG, EVERETT M., Cornell University, 202 Phillips Hall, Ithaca, N. Y.
Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; Official Representative, U. S. National Committee of CIE, 1959-1961; School Committee, 1959-1960; Task Committee on Research Financing, 1959-1960.

STROUD, H. A., Monongahela Power Co., Fairmont, W. Va.
School Committee, 1959-1960.

STRUKELJ, WILLIAM, Convair-San Diego, P.O. Box, 1950, San Diego 12, Calif.
Aircraft Exterior Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

STURROCK, WALTER, Auburn University, Auburn, Ala.
Constitution and Procedures Committee, 1959-1961; Education Committee, 1960-1961.

SUMMERS, THEODORE, Westinghouse Electric Corp., 1216 W. 58th St., Cleveland, Ohio.
Outdoor Production Areas Subcommittee of the Industrial Committee, 1959-1961.

SWANSON, RUDOLPH C. JR., Niagara Mohawk Power Corp., 300 Erie Blvd. W., Syracuse 2, N. Y.
Chairman, Central New York Section, 1960-1961.

SWASEY, A. M., General Electric Co., Hendersonville, N. C.
Light Sources Subcommittee of the Searchlight Committee, 1959-1960.

SWEATTE, JOHN E., Georgia Power Co., 75 Marietta St., Atlanta, Ga.
Office Committee, 1959-1961.

SWETLAND, R. M., Pennsylvania Department of Highways, North Office Building, Harrisburg, Pa.
Roadway Committee, 1959-1961; Traffic Safety Subcommittee and Tunnels and Underpass Lighting Subcommittee of the Roadway Committee, 1959-1961.

SZANTAY, ELMER, Sandee Manufacturing Co., 735 S. Karlov Ave., Chicago 24, Ill.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

T

TAEPKE, MARY B., The Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Residence Committee, 1959-1961.

TAYLER, LEE E., The Detroit Edison Co. 2000 Second Ave., Detroit 26, Mich.
National Technical Conference Committee, 1959-1961; Sustaining Membership Committee, 1960-1961; Public Relations and Information Committee, 1959-1960.

TAYLOR, GEORGE J., Day-Brite Lighting, Inc., 212 E. Central Ave., Clayton 5, Mo.
Past-President, 1959-1961; Chairman, Sustaining Membership Committee, 1959-1961; Chairman, Trustees, IES Headquarters Retirement Pension Plan, 1960-1961; Trustee, 1959-1960; Board of Nomination, 1959-1961; Medal Award Committee, 1959-1961; Chairman, Fund Subcommittee of Sustaining Membership Committee, 1960-1961; Official Representative to U. S. National Committee of CIE, 1959-1960.

TAYLOR, R. M., Toledo Edison Co., Toledo, Ohio.
Membership Committee, 1959-1960; Residence Lighting Forums Committee, 1959-1960.

TEELE, H. W. JR., Toledo Edison Co., Edison Bldg., Toledo 4, Ohio.
Chairman, Northwestern Ohio Section, 1959-1960.

TEELE, RAY P., National Bureau of Standards, Photometry and Colorimetry Section, Washington 25, D. C.
Director, 1959-1961; Chairman, Motor Vehicle (Exterior) Committee, 1959-1961; Official Representative, ASA Committee D7.1, 1959-1961; National Committee on Uniform Traffic Laws and Ordinances, 1959-1961; Vehicle Lighting Subcommittee of National Committee on Uniform Traffic Laws and Ordinances, 1959-1961; Joint Lighting Survey (IES-US Public Health Service), 1959-1961; Progress Committee, 1959-1961; Committee on Recommendations for Quality and Quantity of Illumination, 1959-1961; Roadway Committee, 1959-1961; Chairman, Research Subcommittee of Roadway Committee, 1959-1961; General Light Source Subcommittee of Roadway Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Photographic Subcommittee of Roadway Committee, 1960-1961; Maintenance Committee, 1959-1960; Chairman, General Guide to Photometry, Practical Guide to Colorimetry of Light Sources Subcommittees of Testing Procedures Committee, 1959-1960; Subcommittee on Practical Guide for Brightness Measurements of Testing Procedures Committee, 1959-1960.

THAYER, D. L., University of Iowa, Iowa City, Ia.
Subcommittee on Lighting for Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961.

THEAKSTON, D. S., Canadian Broadcasting Co., 354 Jarvis St., Toronto, Ont.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

THEAKSTON, G. L., Wakefield Lighting Ltd., Commissioners Road, London, On°.
Chairman, Forest City (London) Chapter, 1960-1961; Secretary, 1959-1960.

THEISEN, DONALD J., Sylvania Electric Products Inc., 7800 Intervale, Detroit 38, Mich.
Chairman, Michigan Section, 1960-1961.

THIAS, HENRY E., Union Electric Co., 315 N. 12th St., St. Louis 1, Mo.
Secretary, St. Louis Section, 1960-1961.

THOMAS, DONALD C., Sylvania Electric Products, Inc., 300 Mt. Lebanon Blvd., Pittsburgh 34, Pa.
Chairman, Pittsburgh Section, 1959-1960; 1960 Conference Executive Committee, 1959-1960.

THOMAS, JOSEPH, Canadian General Electric Co. Ltd., 280 Faillon St. W., Montreal, Que.
Director, 1959-1961; Applied Lighting Competition Committee, 1959-1961; Constitution and Procedures Committee, 1960-1961; Task Committee on UEC Fund Raising, 1959-1960.

THOMAS, R. W., Chewning & Welmer, Inc., P.O. Box 4167, Richmond 24, Va.
Secretary, Virginia Section, 1959-1960.

THOMPSON, MIREILLE W., General Electric Co., East Flatrock, N. C.
Secretary, Palmetto Section, 1959-1960.

THORINGTON, LUKE, Duro-Test Corp., 2321 Hudson Blvd., North Bergen, N. J.
Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

TILL, WILLIAM S., Westinghouse Electric Corp., MacArthur Ave., Bloomfield, N. J.
Chairman, New Jersey Section, 1960-1961; Roadway Committee, 1960-1961; Recommended Practice Subcommittee of the Industrial Committee, 1959-1961.

TIPTON, R. R., P.O. Box 584, Berkeley 1, Calif.
Progress Committee, 1959-1961.

TOENJES, DAVID A., General Electric Co., Nela Park, Cleveland 12, Ohio.
Sports and Recreational Areas Committee, 1959-1961; Roadway Committee, 1959-1961; Subcommittees on Tunnels and Underpass Lighting, General Light Sources and Research, all of the Roadway Committee, 1959-1961.

TOUHY, CHARLES, Lockheed Aircraft Corp., 1705 Victory Place, Burbank, Calif.
Aircraft Cockpit Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

TOWNSEND, PAUL
Subcommittee on Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps of the Testing Procedures Committee, 1959-1960.

TOWNSEND, R. F., Westinghouse Electric Corp., MacArthur Ave., Bloomfield, N. J.
Progress Committee, 1959-1961.

TRAVIS, BEVERLY A., Beverly A. Travis & Associates, 407 Medical Arts Building, 1117 Second Ave., Seattle 1, Wash.
Advance Planning Committee, 1960-1961; Vice-President, Pacific Northwest Region, 1959-1960; Regional Activities Committee, 1959-1960; Task Committee on UEC Fund Raising, 1959-1960.

TRAVIS, LON W., Beretta, Greenslade & Associates, Inc., 1927 N. St. Mary's St., San Antonio 12, Texas.
Chairman, Alamo Section, 1960-1961; Secretary, 1959-1960.

TRAWICK, RUSSELL A., Texas Electric Service Co., P.O. Box 3592, Odessa, Texas.
Chairman, South Plains Chapter, 1959-1960.

TREFREY, D. E., The Detroit Edison Co., 2000 Second Ave., Detroit 26, Mich.
Sports and Recreational Areas Committee, 1959-1961.

TROSPER, GILBERT A., Pacific Gas & Electric Co., 245 Market St., San Francisco 6, Calif.
Papers Committee, 1959-1961; Roadway Committee, 1959-1961; Subcommittees on General Light Sources, Luminaire Maintenance, Roadway Lighting Principles, Standard Practice, Tunnels and Underpass Lighting, all of the Roadway Committee, 1959-1961.

TUCKER, D. A., Western Electrical Constructors, 316 Northern Hardware Bldg., Edmonton, Alta.
Chairman, Edmonton Section, 1959-1960.

TUGMAN, J. L. General Electric Co., Nela Park, Cleveland 12, Ohio.
Chairman, Subcommittees on Brochure on "Opportunities in Illuminating Engineering" and Science Textbook Review of the Education Committee, 1959-1961.

TUNE, W. N., Bond Electric Co., 413 6th Ave. So., Nashville 4, Tenn.
Chairman, Tennessee Valley Section, 1960-1961.

TURNER, STEPHEN H., Mississippi Power & Light Co., 144 South Congress, Jackson, Miss.
Secretary, Mississippi Chapter, 1959-1960.

TWICHELL, LESTER C., Rochester Gas & Electric Co. 89 East Ave., Rochester 4, N. Y.
Chairman, Constitution and Procedures Committee, 1959-1961; Advance Planning Committee, 1959-1961; Task Committee for UEC Fund Raising, 1959-1960.

TWIST, T. O., National Bureau of Standards, Washington 25, D. C.
Aviation Committee, 1960-1961.

TYLOR, ARTHUR S., 1037 Cortez Ave., Burlingame, Calif.
Secretary, Golden Gate Section, 1959-1960.

TYSON, W. L. JR., P.O. Box 9767, Jackson, Miss.
Chairman, Mississippi Chapter, 1960-1961.

V

VAN COLIE, H. A., Holophane Co. Inc., 342 Madison Ave., New York 17, N. Y.
Residence Committee, 1959-1961.

VAN DUSEN, H. A. JR., Line Material Industries, 12th & Madison Aves., South Milwaukee, Wis.
Aviation Committee, 1960-1961; Ground Service Area Lighting Subcommittee, 1959-1960.

VAN SAUN, H. R., Bureau of Research and Development, Federal Aviation Agency, Washington, 25, D. C.
Aviation Committee, 1960-1961; Aircraft Lamps (Small) Subcommittee, 1959-1960.

VERNON, W. R., 10357-109th St., Edmonton, Alta.
Secretary, Edmonton Section, 1960-1961.

VERSTEEG, JAMES H., Union Carbide Plastics Co., 1 River Rd., Bound Brook, N. J.
IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

VIEHMAN, RUSSELL R., Edwin F. Guth Co., 2615 Washington Blvd., St. Louis 77, Mo.
Progress Committee, 1960-1961.

VIPOND, L. C., Federal Aviation Agency, Washington, 25, D. C.
Aviation Committee 1960-1961; Subcommittees of Aviation Committee on Ground Runway Lighting, Ground Heliport Lighting and Ground Lighting, 1959-1960.

W

WAIGHT, VERNON, California Division of Highways, P.O. Box 3366, San Francisco 19, Calif.
Roadway Committee 1959-1961; Subcommittees of Roadway Committee on Lighting Principles and Traffic Sign Lighting, 1959-1960.

WAITE, ROGER T., Aetna Casualty and Surety Co., Hartford, Conn.
Office Committee, 1959-1961.

WAKEFIELD, A. F., The Wakefield Co., Vermilion, Ohio.
Chairman, Medal Award Committee, 1959-1961; Official Representative, National Academy of Sciences, 1959-1961; Co-Chairman, Defense Coordinating Committee, 1959-1960; Task Committee on Research Financing, 1959-1960.

WAKEFIELD, GEORGE P., The Wakefield Co., Vermilion, Ohio.
Board of Fellows, 1959-1961; Office Committee, 1959-1961; Papers Committee, 1959-1961; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961.

WALDRON, CHARLES E., Niagara Mohawk Power Corp., 126 State St., Albany, N. Y.
Secretary, Eastern New York Section, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

WALL, HAROLD F., Public Lighting Commission, City of Detroit, 174 E. Atwater St., Detroit 26, Mich.
Roadway Committee, 1959-1961; and Subcommittees on Lighting Principles, Standard Practice; Chairman, Tunnels and Underpass; General Light Source; Traffic Safety; Chairman, Luminaire Maintenance, 1959-1961.

WALLIS, A. E., Wright Air Development Center, Wright-Patterson Air Force Base, Ohio.
Aviation Committee, 1960-1961; Chairman, Ground Runway Lighting Subcommittee of Aviation Committee, 1959-1960.

WALSH, JOHN S., Pacific Gas and Electric Co., 245 Market St., San Francisco 6, Calif.
Task Committee on UEC Fund Raising, 1959-1960; Defense Coordinating Committee, 1959-1960.

WALTON, HERBERT C., Westinghouse Electric Corp., Bloomfield, N. J.
Subcommittee on Guide for Photometric and Electric Measurements and Life Testing of Incandescent Lamps of the Testing Procedures Committee, 1959-1960.

WARNER, NELSON, Westinghouse Electric Corp., 306 Fourth Ave., Pittsburgh 30, Pa.
Chairman, 1960 Conference Executive Committee, 1959-1960; Publications Committee, 1959-1960.

WARRACK, W., Warrack Electric, 814 16th Ave., N.W., Calgary, Alta.
Chairman, Chinook Chapter, 1959-1960.

WARSKOW, MARTIN, Airborne Instruments Laboratory, Walt Whitman Rd., Melville, L. I., N. Y.
Aviation Committee, 1960-1961; Chairman, 1959-1960; and Subcommittees on Ground Lighting; Aircraft Lighting, 1959-1960; Committee on Quality and Quantity of Illumination, 1959-1960.

WASDYKE, A. P. JR., Westinghouse Electric Corp., Bloomfie'd, N. J.
Searchlight Committee, 1959-1960.

WATERMAN, M. N., Westinghouse Electric Corp., Bloomfield, N. J.
Task Committee on Lighting Service, 1959-1961; Chairman, Handbook Committee, 1959-1961; Official Representative, USNC of International Commission on Illumination, 1959-1961; IES Territorial and Organizational Task Subcommittee, 1960-1961; Chairman, Board of Nomination, 1959-1960; Task Committee on Research Financing, 1959-1960; Medal Award, 1959-1960.

WATSON, JAMES E., Fluorescent Maintenance Co., 1427 Elati, Denver 4, Colo.
Chairman, Rocky Mountain Section, 1960-1961.

WATTERS, GEORGE A., Quebec Power Co., P.O. Box 1607, Quebec, P.Q.
Official Representative, Canadian National Committee of the International Commission on Illumination, 1959-1961; Luminaire Maintenance Subcommittee of the Roadway Committee, 1959-1961.

WEATHERFORD, D. E., Engineering Service Co., Decatur Club Bldg., Decatur, Ill.
Secretary, Illini Chapter, 1960-1961.

WEBBER, MARY E., General Electric Company, Nela Park, Cleveland 12, Ohio.
Residence Committee, 1959-1961.

WEBER, L. W.
Subcommittee on Lighting for the Vidicon Camera of the Theatre-Television Committee, 1960-1961.

WEEKS, A. W., Champion Lamp Works, 330 Lynnway, Lynn, Mass.
Chairman, Testing Procedures Committee, 1959-1961; Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

WEGENER, AUDREY C., Toledo Edison Co., Madison & Superior, Toledo 4, Ohio.
Secretary, Northwestern Ohio Section, 1959-1961.

WEHNER, PAUL E., Wehner-Roshon Sales, P.O. Box 226, Miamisburg, Ohio.
Chairman, Miami Valley Section, 1960-1961.

WEIBEL, W. A., Revere Electric Mfg. Co., 7420 N. Lehigh Ave., Chicago 48, Ill.
Light Control and Equipment Design Committee, 1959-1961; Subcommittee on Revision of Advanced Lighting Design Problems Course of Education Committee, 1959-1961.

WEISSER, H. D. JR., 9214 Rangely Drive, Houston 24, Texas.
Secretary, San Jacinto Section, 1960-1961.

WELCH, K. C., 924 Grandville, S.W., Grand Rapids, Mich.
Merchandising Committee, 1959-1961; Daylighting Committee, 1959-1961; School Committee, 1959-1960.

WELD, WALLACE W., Revere Electric Mfg. Co., 7420 Lehigh Ave., Chicago 48, Ill.
Chairman, Sports and Recreational Areas Committee, 1959-1961; Testing Procedures Committee, 1959-1961; Service Stations and Parking Areas Subcommittee of Merchandising Committee, 1959-1961; Committee on Quality and Quantity of Illumination, 1959-1960.

WELLS, C. G., Harry Cooper Supply Co., Springfield, Mo.
Secretary, Ozark Chapter, 1959-1961.

WELLS, GORDON, Day-Brite Lighting, Inc., 5411 Bulwer Ave., St. Louis 7, Mo.
Public Relations and Information Committee, 1959-1960; Chairman, 1960-1961.

WELLS, JACK H., Markel Electric Products Inc., 3405 Kromer Ave., Everett, Wash.
Chairman, Puget Sound Section, 1959-1960.

WENSON, H. W. JR., Port of New York Authority, 111 Eighth Ave., New York 11, N. Y.
Recommended Practice Subcommittee of the Industrial Committee, 1959-1961; Ground Service Area Lighting Subcommittee of the Aviation Committee, 1959-1960.

WENZLER, O. F., Libbey-Owens-Ford Glass Co., 608 Madison Ave., Toledo 3, Ohio.
Daylighting Committee, 1959-1961.

WERNERT, N. E., Consolidated Edison Co., 4 Irving Place, New York 3, N. Y.
Residence Committee, 1959-1961.

WESSELS, JOHN W., Columbia Electric, 3420 E. Ferry St., Spokane, Wash.
Secretary, Inland Empire Chapter, 1960-1961; Ground Seadrome Lighting Subcommittee of the Aviation Committee, 1959-1960.

WEY, R. C., Ohio Power Company, 301 Cleveland Ave., S.W., Canton 2, Ohio.
Roadway Committee, 1959-1961; and Subcommittee on Standard Practice, 1959-1960.

WHITE, C. T., U. S. Navy Electronics Laboratory, San Diego 52, Calif.
Aircraft Interior Lighting Subcommittee of the Aviation Committee, 1959-1960.

WHITE, H. M., Baltimore Gas & Electric Co., 1400 Lexington Bldg., Baltimore 3, Md.
Sports and Recreational Areas Committee, 1959-1961.

WHITEHEAD, J. F. JR., Day-Brite Lighting Inc., 212 S. Central Ave., Clayton 5, Mo.
Chairman, Medal Award Committee, 1959-1960; Task Committee on Research Financing, 1959-1960.

WHITHED, M. O., Edison Electric Institute, 750 Third Ave., New York, N. Y.
Joint Farm (IES-American Society of Agricultural Engineers), 1960-1961.

WHITING, H. NEIL, University of Texas, Austin 12, Texas.
Subcommittee on Lighting For Educational and Community Theatre Stages of the Theatre-Television Committee, 1960-1961.

WHITNELL, J. D., Arizona Public Service Co., P.O. Box 2591, Phoenix, Ariz.
Advance Planning Committee, 1959-1961; Allied Arts Committee 1960-1961, Chairman, 1959-1960; Director, 1959-1960.

WIANT, D. E., Michigan State University, East Lansing, Mich.
Joint Farm (IES-American Society of Agricultural Engineers), 1959-1961.

WILLIAMS, H. A., Rohm & Haas Co., Washington Square, Philadelphia, Pa.
Office Committee, 1960-1961; IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961; Subcommittees on Ground Lighting and Ground Taxiway Lighting of the Aviation Committee, 1959-1960; Vice-Chairman, Progress Committee, 1959-1960.

WILLIAMS, JOHN S., Arkansas Power and Light Co., P.O. Box 551, Little Rock, Ark.
Vice-President, South Central Region; 1960-1961; Regional Activities Committee, 1960-1961.

WILLIAMS, R. G., Century Lighting, Inc., 321 W. 43rd St., New York 36, N. Y.
Chairman, Subcommittee on Lighting for Educational and Community Theatre Stages, 1960-1961; Theatre-Television Committee, 1959-1961; Chairman, Subcommittee on Lighting for School Theatres, 1959-1960; Secretary, New York Section, 1959-1960.

WILLINGHAM, ANDREW, Box 150, 922 W. 6th Ave., Amarillo, Texas.
Chairman, Panhandle Chapter, 1960-1961.

WILLISTON, ROBERT M., Connecticut State Highway Dept., Hartford, Conn.
Roadway Committee, 1959-1961; and Subcommittees on High Speed, Density Highways, 1959-1960, Traffic Sign Lighting, 1959-1961.

WILSON, J. CARL, J. A. Wilson Lighting & Display Ltd., 280 Lakeshore Rd., Toronto 14, Ont.
Chairman, Applied Lighting Competition, 1959-1961; Fund Subcommittee of the Sustaining Membership Committee, 1960-1961; Vice-Chairman, National Technical Conference Committee, 1959-1960.

WILSON, J. P., Government of Canada, Dept. of Transport Air Service, Ottawa, Ont.
Ground Lighting Subcommittee of the Aviation Committee, 1959-1960.

WILSON, ROBERT W., Boese-Hilburn Electric Co., 123 W. 8th St., Kansas City, Mo.
Chairman, Heart of America Section, 1959-1960.

WILSON, SAMUEL W., National Bureau of Standards, Washington 25, D. C.
Testing Procedures Committee, 1960-1961; Testing Procedures Committee Alternate, 1959-1960; Subcommittees on Guide for Photometric and Electrical Measurements and Life Testing of Incandescent Lamps, Guide for Electrical and Photometric Measurements of Fluorescent Lamps, Guide for Life Performance Testing of Fluorescent Lamps, all of the Testing Procedures Committee, 1959-1960.

WILSON, WILLETT R., Westinghouse Electric Corp., Bloomfield, N. J.
Theatre-Television Committee, 1959-1960.

WINKLER, F. C., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Chairman, Cleveland Section, 1960-1961; Chairman, IES-SPI-NEMA Subcommittee of the Light Control and Equipment Design Committee, 1959-1961; Light Control and Equipment Design Committee, 1959-1961.

WINTERS, ALVA B., Revere Electric Mfg. Co., 7420 Lehigh Ave., Chicago 48, Ill.
Aviation Committee, 1960-1961; Ground Lighting Subcommittee of the Aviation and Signal Committee, 1959-1960.

WIRT, G. DON, Puget Sound Power & Light Co., 286 4th St., Bremerton, Wash.
Chairman, Puget Sound Section, 1960-1961.

WISEMAN, ROBERT S., U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Va.
Education Committee, 1959-1961; Brochure on "Opportunities in Illuminating Engineering" Subcommittee of the Education Committee, 1960-1961; Chairman, Design Practice Committee, 1959-1960; Papers Committee, 1959-1960; Liaison Representative, Searchlight Committee, 1959-1960; Testing Procedures Subcommittee of the Searchlight Committee, 1959-1960

WITTE, ELDON H., Benjamin Division, Thomas Industries, Inc., Des Plaines, Ill.
Secretary, Chicago Section, 1959-1960; Vice-Chairman, Testing Procedures Committee 1959-1961; Office Committee, 1959-1960.

WOJCIK, HENRY L., Richardson, Gordon and Associates, 3 Gateway Center, Pittsburgh 22, Pa.
Roadway Committee, 1959-1961; Subcommittee on Standard Practice of the Roadway Committee, 1959-1961.

WOLFE, M. B., Keppler Sales, 714 State Life Bldg., Indianapolis, Ind.
Secretary, Indiana Section, 1959-1960.

WOODS, J. W., 665 Gayne Blvd., Burlington, Ont.
Chairman, Hamilton, Ontario Chapter, 1959-1961.

WOODSON, WESLEY E., Convair Division of General Dynamics, Mail Zone 6-141, Box 1950, San Diego 12, Calif.
Aviation Committee and Executive Subcommittee, 1960-1961; Chairman, Aircraft Interior Lighting Subcommittee, 1959-1960.

WOZNIAK, R. E., Chicago Lighting Institute, 140 S. Dearborn St., Chicago, Ill.
Chairman, Subcommittee on Revision of "Lighting Fundamentals Course" of the Education Committee, 1959-1961.

WYLIE, ROBERT R., Sylvania Electric Products Inc., 60 Boston St., Salem, Mass.
Roadway Committee, 1959-1961; and Subcommittees on General Light Source, Standard Practice, and Research of Roadway Committee, 1959-1961; Office Committee, 1959-1961.

WYSZECKI, GUNTER, National Research Council of Canada, Ottawa 2, Ont.
Color Rendition Subcommittee of the Light Sources Committee, 1959-1961.

Y

YANAROS, FRANK E., Florida Power & Light Co., P.O. Box 1057, Hialeah, Fla.
National Technical Conference Committee, 1960-1961; Chairman, Southeast Florida Section, 1959-1960.

YOST, I. A., Westinghouse Electric Corp., 1216 W. 58th St., Cleveland 1, Ohio.
Education Committee, 1959-1961.

YOUNG, HAROLD G., Kiefer Electrical Supply Co., 318-20 So. W. Washington St., Peoria, Ill.
Chairman, Central Illinois Chapter, 1959-1960.

YOUNG, J. W., 39 Kingston St., Boston, Mass.
Roadway Committee, 1959-1961; Chairman, Subcommittee on Interchange with Foreign Groups, Subcommittee on General Light Sources, both of the Roadway Committee, 1959-1961; Subcommittees on Luminaire Maintenance, High Speed Density Highways, Roadway Lighting Principles, all of the Roadway Committee, 1959-1961; Coordinating Subcommittee of the Roadway Committee, 1959-1960.

YOUNG, PETER L., Public Lighting Commission, 174 E. Atwater, Detroit 26, Mich.
Testing Procedures Committee, 1959-1961; Subcommittee on High Speed, Density Highways of the Roadway Committee, Subcommittee on Research of the Roadway Committee, 1959-1961; Subcommittee on Guide for Photometric Testing of Mercury, Sodium and Incandescent Street Lighting Luminaires of the Testing Procedures Committee; Subcommittee on Practical Guide to Photometry of the Testing Procedures Committee, 1959-1960.

YOUNGBLOOD, C. J., Mississippi Glass Co., 88 Angelica St., St. Louis 7, Mo.
Daylighting Committee, 1959-1961; Subcommittee on Revision of Recommended Practice for Daylighting of the Daylighting Committee, 1959-1960.

Z

ZABEL, R. M., Westinghouse Electric Corp., Bloomfield, N. J.
Finance Committee, 1959-1961; Chairman, Publications Committee, 1959-1960; Roadway Committee, 1959-1960; Research Subcommittee, Coordinating Subcommittee and General Light Sources Subcommittee, all of the Roadway Committee, 1959-1960.

ZAHOUR, ROBERT L., Westinghouse Electric Corp., Bloomfield, N. J.
Vice-President, Northeastern Region, 1960-1961; Regional Activities Committee, 1960-1961; Office Committee, 1959-1961; Theatre-Television Committee, 1959-1960; Lighting for the Vidicon Camera Subcommittee of the Theatre-Television Committee, 1959-1960.

ZEHMS, JOHN C., Pacific Gas & Electric Co., 1050 High St., Auburn, Calif.
Secretary, Mother Lode Chapter, 1959-1960.

ZERSEN, C. W., Chicago Lighting Institute, 140 S. Dearborn St., Chicago, Ill.
Coordinator, Subcommittee on Revision of IES Courses of the Education Committee, 1959-1961.

ZUCKER, ROBERT J., Westinghouse Electric Corp., 2800 No. Adams, Peoria, Ill.
Secretary, Central Illinois Chapter, 1959-1960.

SECTION 2 IS THE INDEX FOR THE PRECEEDING VOLUME. NO NEED TO REPLACE.